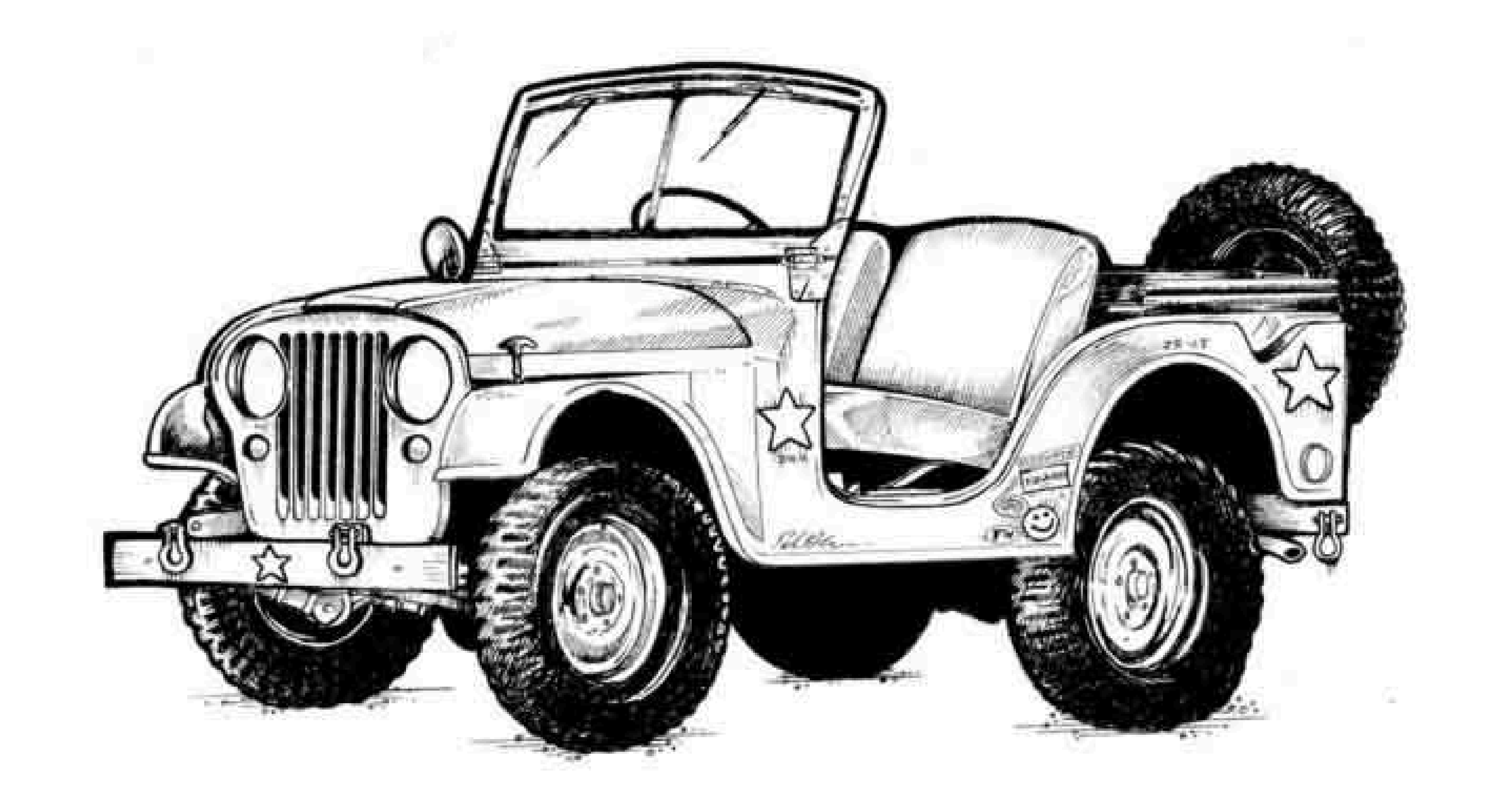
Primary [3]

Math - Second Term

Unit [1] - Part [1]



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الاسـم ....

Primary [3] – Second Term – Unit [1] : Multiplication and division

Lesson [1] : Multiplying by 100 , 10 and 1000

Remember :

1 × 1 = 1	1 × 9 = 9	2 × 9 = 18	4 × 4 = 16	5 × 7 = 35	7 × 8 = 56
1 × 2 = 2	2 × 2 = 4	3 × 3 = 9	4 × 5 = 20	5 × 8 = 40	7 × 9=63
1 × 3 = 3	2 × 3 = 6	3 × 4 = 12	4 × 6 = 24	5 × 9 = 45	8 × 8 = 64
1 × 4 = 4	2 × 4 = 8	3 × 5 = 15	4 × 7 = 28	6 × 6 = 36	8 × 9 = 72
1 × 5 = 5	2 × 5 = 10	3 × 6 = 18	4 × 8 = 32	6 × 7 = 42	9 × 9 = 81
1 × 6 = 6	2 × 6 = 12	3 × 7 = 21	4 × 9 = 36	6 × 8 = 48	
1 × 7 = 7	2 × 7 = 14	3 × 8 = 24	5 × 5 = 25	6 × 9 = 54	
1 × 8 = 8	2 × 8 = 16	3 × 9 = 27	5 × 6 = 30	7 × 7 = 49	

Rules :

Multiplying any number by 10 just put 0 on the right of it
Multiplying any number by 100 just put 00 on the right of it
Multiplying any number by 1000 just put 000 on the right of it

For Example : -

5 × 10 = 50	15 × 10 = 150	123 × 10 = 1230	3698 × 10 = 36980
6 × 10 = 60	35 × 10 = 350	587 × 10 = 5870	1488 × 10 = 14880
5 × 100 = 500	15 × 100 = 1500	123 × 100 = 12300	5 × 1000 = 5000
6 × 100 = 600	35 × 100 = 3500	587 × 100 = 58700	23 × 1000 = 2000

For Example : -

5 × 4 × 10 = 20 × 10 = 200	100 × 20 = 2000
5 × 6 × 100 = 30 × 100 = 3000	7 tens + 2 = 70 + 2 = 72
58 × 100 = 58 Hundreds	6 tens = 6 × 10 = 60
6 Hundreds = 6 × 100 = 600	7 thousands = 7 × 1000 = 7000
20 × 5 = 100	(5 × 10) + (2 × 10) = 7 × 10 = 70
(5 × 100) + (2 × 100) = 7 × 100 = 700	(5 × 1000) + (2 × 1000) = 7 × 1000 = 7000
8 × 70 = 560	9 × 800 = 7200

Exercises

[A] : Choose The Correct Answer : -

1	✱ 10 × 11 = …………	(1 010 **or** 110 **or** 1 100)
2	✱ 15 × 10 = …………	(15 **or** 150 **or** 50 **or** 100)
3	✱ 19 × 10 = …………	(1 900 **or** 190 **or** 1 090)
4	✱ 23 × 10 = …………	(23 **or** 230 **or** 2 300)
5	✱ 27 × 10 = …………	(270 **or** 2 700 **or** 2 070)
6	✱ 29 × 10 = …………	(29 **or** 290 **or** 2 900)
7	✱ 44 × 10 = …………	(4 040 **or** 400 **or** 440 **or** 4 400)
8	✱ 47 × 10 = …………	(40 **or** 70 **or** 470)
9	✱ 59 × 10 = …………	(50 **or** 590 **or** 90)
10	✱ 76 × 10 = …………	(760 **or** 7 060 **or** 670)
11	✱ 83 × 10 = …………	(83 **or** 830 **or** 800)
12	5 × 4 × 10 = …………	(200 **or** 90 **or** 30 **or** 20)
13	✱ 40 × 100 = …………	(4 000 **or** 140 **or** 400)
14	✱ 47 × 100 = …………	(4 700 **or** 470 **or** 47)
15	136 × 100 = ………… a. 360 b. 13 600 c. 136 000	
16	✱ 63 × 100 = …………	(630 **or** 6 300 **or** 63 000)
17	✱ 6 × 1 000 = …………	(600 **or** 6 000 **or** 60)
18	✱ 37 × 1 000 = …………	(370 **or** 3 700 **or** 37 000)

19	✱ 50 × 1 000 = ……………	(500 or 5 000 or 50 000)
20	✱ 43 × 1 000 = ……………	(430 or 4 300 or 43 000)
21	✱ 59 × 1 000 = ……………	(590 or 5 900 or 59 000)
22	✱ 78 × 1 000 = ……………	(78 000 or 7 800 or 780)
23	5 tens + …………… = 51	(100 or 10 or 1)
24	3 tens + …………… = 33 a. 3 b. 9 c. 6	
25	✱ 8 × 100 …………… 2 × 4 × 1 000	(< or > or =)
26	✱ 2 × 3 × 100 ☐ 6 × 1 000	(= or > or <)
27	✱ 100 × 20 ☐ 4 × 5 × 1 000	(> or = or <)
28	✱ 5 × 6 × 100 …………… 3 × 1 000	(< or > or =)
29	3 hundreds ☐ 4 hundreds – (10 × 20) a. > b. < c. =	
30	✱ 6 × 1 000 ☐ 30 × 100	(> or = or <)
31	✱ 47 × 100 = …………… hundreds.	(4 700 or 470 or 47)
32	5 tens = 5 × …………… a. 10 b.100 c. 1 000	
33	5 tens + …………… = 51 a. 1 b. 10 c. 100	
34	154 ☐ 100 = 15 400 a. + b. × c. ÷	
35	✱ …………… × 100 = 5 700	(5 or 7 or 57 or 75)

36	✱ .... × 100 = 2 400	(2 *or* 4 *or* 24 *or* 240)
37	✱ 54 × .... = 540	(10 *or* 100 *or* 1 000)
38	20 × .... = 200 a. 1 b. 10 c. 100	
39	✱ .... × 100 = 2 900	(29 *or* 209 *or* 290)
40	20 × 5 × 36 = 100 ×	(36 *or* 50 *or* 100)
41	✱ (7 × 100) + (2 × 100) = ... × 100	(9 *or* 90 *or* 900)
42	The price of 10 pencils = 5 pounds , then the price of each = ... pounds.	(2 *or* $\frac{1}{2}$ *or* 50)

[B] : Complete the Following : -

1	✱ 567 × 10 = ...
2	✱ 99 × 10 = ...
3	✱ 17 × 1 000 = ...
4	✱ 4 × 7 × 1 000 = ...
5	✱ 8 × 1 000 = ... thousands = ...
6	80 × 7 = ...
7	9 × .... = 72
8	40 × 3 = ...
9	✱ 7 × 10 = ... tens.

10	✻ .... × 10 = 6 tens = ...
11	✻ 3 × 5 × 10 = ... × 10 = ...
12	✻ 9 × 1 000 = 1 000 × .... = ...
13	✻ 10 × 600 = ... × 1 000 = ...
14	✻ 84 × 100 = 100 × .... = ...
15	✻ 2 × 7 × .... = 14 × 1 000 = ...
16	✻ 50 × 30 = ... × 100 = ...
17	The number that if multiplied by 615 , then result will be 615 000 is ....
18	✻ 10 × .... = 60 + 20
19	300 ☐ 400 – (10 × 20) (using < , > *or* =) Number of hours
20	✻ (4 × 1 000) + (5 × 1 000) = ... × 1 000 = ...
21	Hossam has 6 banknotes of 100 pounds , and 40 banknotes of 10 pounds , then the total money of what Hossam has = ... pounds.

[C] : Essay Problems : -

1	Samira has 20 banknotes of 100 pounds , 3 banknotes of 200 pounds , find the total money of what Samira has. Samira has = ... = ... pounds.

Homework

[A] : Choose The Correct Answer : -

1	✱ 15 × 10 = ...	(15 or 150 or 50 or 100)
2	✱ 44 × 10 = ...	(4 040 or 400 or 440 or 4 400)
3	✱ 40 × 100 = ...	(4 000 or 140 or 400)
4	✱ 50 × 1 000 = ...	(500 or 5 000 or 50 000)
5	✱ 8 × 100 .... 2 × 4 × 1 000	(< or > or =)
6	✱ 47 × 100 = ... hundreds.	(4 700 or 470 or 47)
7	✱ .... × 100 = 2 400	(2 or 4 or 24 or 240)
8	The price of 10 pencils = 5 pounds , then the price of each = ... pounds.	(2 or $\frac{1}{2}$ or 50)
9	✱ 29 × 10 = ...	(29 or 290 or 2 900)
10	5 × 4 × 10 = ...	(200 or 90 or 30 or 20)
11	✱ 37 × 1 000 = ...	(370 or 3 700 or 37 000)
12	3 tens + ... = 33 a. 3 b. 9 c. 6	
13	✱ 6 × 1 000 ☐ 30 × 100	(> or = or <)
14	✱ 10 × 11 = ...	(1 010 or 110 or 1 100)
15	✱ (7 × 100) + (2 × 100) = ... × 100	(9 or 90 or 900)
16	✱ 27 × 10 = ...	(270 or 2 700 or 2 070)
17	✱ 83 × 10 = ...	(83 or 830 or 800)

18	✻ 6 × 1 000 = …………	(600 **or** 6 000 **or** 60)
19	5 tens + ………… = 51	(100 **or** 10 **or** 1)
20	3 hundreds ☐ 4 hundreds – (10 × 20) a. > b. < c. =	
21	✻ ………… × 100 = 5 700	(5 **or** 7 **or** 57 **or** 75)
22	20 × 5 × 36 = 100 × …………	(36 **or** 50 **or** 100)
23	✻ 23 × 10 = …………	(23 **or** 230 **or** 2 300)
24	✻ 76 × 10 = …………	(760 **or** 7 060 **or** 670)
25	✻ 63 × 100 = …………	(630 **or** 6 300 **or** 63 000)
26	✻ 78 × 1 000 = …………	(78 000 **or** 7 800 **or** 780)
27	✻ 5 × 6 × 100 ………… 3 × 1 000	(< **or** > **or** =)
28	154 ☐ 100 = 15 400 a. + b. × c. ÷	
29	✻ ………… × 100 = 2 900	(29 **or** 209 **or** 290)
30	✻ 19 × 10 = …………	(1 900 **or** 190 **or** 1 090)
31	✻ 59 × 10 = …………	(50 **or** 590 **or** 90)
32	136 × 100 = ………… a. 360 b. 13 600 c. 136 000	
33	✻ 59 × 1 000 = …………	(590 **or** 5 900 **or** 59 000)
34	✻ 100 × 20 ☐ 4 × 5 × 1 000	(> **or** = **or** <)
35	5 tens + ………… = 51 a. 1 b. 10 c. 100	

36	20 × .... = 200 a. 1 b. 10 c. 100
37	✱ 47 × 10 = ... (40 *or* 70 *or* 470)
38	✱ 47 × 100 = ... (4 700 *or* 470 *or* 47)
39	✱ 43 × 1 000 = ... (430 *or* 4 300 *or* 43 000)
40	✱ 2 × 3 × 100 ☐ 6 × 1 000 (= *or* > *or* <)
41	5 tens = 5 × .... a. 10 b.100 c. 1 000
42	✱ 54 × .... = 540 (10 *or* 100 *or* 1 000)

[B] : Complete the Following : -

1	✱ 99 × 10 = ...
2	9 × .... = 72
3	✱ 9 × 1 000 = 1 000 × .... = ...
4	✱ 10 × .... = 60 + 20
5	80 × 7 = ...
6	✱ 3 × 5 × 10 = ... × 10 = ...
7	The number that if multiplied by 615 , then result will be 615 000 is ....
8	✱ 8 × 1 000 = ... thousands = ...
9	✱ .... × 10 = 6 tens = ...
10	✱ 50 × 30 = ... × 100 = ...

11	✻ $4 \times 7 \times 1\,000 =$ ……………
12	✻ $567 \times 10 =$ ……………
13	✻ $2 \times 7 \times$ …………… $= 14 \times 1\,000 =$ ……………
14	Hossam has 6 banknotes of 100 pounds , and 40 banknotes of 10 pounds , then the total money of what Hossam has = …………… pounds.
15	✻ $17 \times 1\,000 =$ ……………
16	✻ $7 \times 10 =$ …………… tens.
17	✻ $84 \times 100 = 100 \times$ …………… = ……………
18	✻ $(4 \times 1\,000) + (5 \times 1\,000) =$ …………… $\times 1\,000 =$ ……………
19	$40 \times 3 =$ ……………
20	✻ $10 \times 600 =$ …………… $\times 1\,000 =$ ……………
21	300 ☐ $400 - (10 \times 20)$ (using $<$, $>$ *or* $=$) Number of hours

[C] : Essay Problems : -

1	Samira has 20 banknotes of 100 pounds , 3 banknotes of 200 pounds , find the total money of what Samira has. Samira has = ………………………………………… = …………… pounds.

Exercises

Quiz [A]	Date :			الاسم : ....
Mark	13			توقيع ولى الأمر

1	6 X 1 = ... A) 6 B) 60 C) 600 D) 6000	
2	14 X 10 = ... A) 14 B) 140 C) 1400 D) 14000	
3	78 X 100 = ... A) 78 B) 780 C) 7800 D) 78000	
4	36 tens = ... A) 360 B) 3600 C) 36000 D) 580	
5	58 thousands = ... A) 58 B) 580 C) 5800 D) 58000	
6	1 X 100 = ... A) ten B) Hundred C) thousand D) ten thousand	
7	10 X 1000 = ... ten thousand A) 1 B) 2 C) 3 D) 4	
8	36 X 10000 = ... tens A) 36 B) 360 C) 3600 D) 36000	
9	96 X 10 = ... tens A) 96 B) 960 C) 9600 D) 96000	
10	32 X 100 = ... tens A) 32 B) 320 C) 3200 D) 32000	
11	36 X 1000 = ... hundreds A) 36 B) 360 C) 3600 D) 36000	
12	78 X 100 = ... hundreds A) 78 B) 780 C) 7800 D) 78000	
13	2 X 3 X 10 = ... A) 6 B) 60 C) 600 D) 6000	

Quiz [B]	Date :…………………………	الاسم : …………………………
Mark	14	توقيع ولى الأمر

1	24 X ………… = 24 hundreds A) 10 B) 100 C) 1000 D) 1
2	36 X ………… = 36 tens A) 10 B) 100 C) 1000 D) 1
3	58 X ………… = 58 hundreds A) 10 B) 100 C) 1000 D) 1
4	89 X ………… = 89 thousands A) 10 B) 100 C) 1000 D) 1
5	61 X ………… = 61 tens A) 10 B) 100 C) 1000 D) 1
6	…………X 100 = 70 000 A) 7 B) 70 C) 700 D) 7000
7	…………X 1000 = 8000 A) 8 B) 80 C) 800 D) 8000
8	7 X ………… X 100 = 21 X 100 A) 3 B) 4 C) 5 D) 6
9	3 X ………… X 100 = 15 X 100 A) 3 B) 4 C) 5 D) 6
10	500 X 9 ………… 500 X 4 A) < B) > C) =
11	100 X 36 ………… 100 X 91 A) < B) > C) =
12	30 X 50 ………… 100 X 15 A) < B) > C) =
13	735 = 35 + 100 X ………… A) 7 B) 8 C) 9 D) 6
14	6 X 10 = ………… A) 6 B) 60 C) 600 D)6000

Quiz [C]	Date :		الاسم : ....
Mark	14		توقيع ولى الأمر

1	10 X 4 X 7 = 10 X .... A) 35 B) 28 C) 18 D) 27
2	7 X 3 X 10 = 10 X .... A) 12 B) 15 C) 21 D) 32
3	100 X 3 X 9 = 100 X .... A) 35 B) 28 C) 18 D) 27
4	1000 X 5 X 7 = 1000 X .... A) 35 B) 28 C) 18 D) 27
5	4 X 3 X 1000 = 1000 X .... A) 12 B) 15 C) 21 D) 32
6	40 X 40 = 100 X .... A) 12 B) 18 C) 16 D) 27
7	60 X 90 = 100 X .... A) 42 B) 48 C) 56 D) 54
8	6 X 70 = 10 X .... A) 42 B) 48 C) 56 D) 54
9	40 X 400 = 1000 X .... A) 12 B) 18 C) 16 D) 27
10	600 X 70 = 1000 X .... A) 42 B) 48 C) 56 D) 54
11	60 X 900 = 1000 X .... A) 42 B) 48 C) 56 D) 54
12	3 X 7 X .... = 21 A) 1 B) 10 C) 100 D) 1000
13	3 X 4 X .... = 120 A) 1 B) 10 C) 100 D) 1000
14	10 X .... = 780 A) 32 B) 56 C) 78 D) 49

Quiz [D]	Date :	الاسم :		
Mark	14			توقيع ولى الأمر

1	100 X .... = 4900 A) 32 B) 56 C) 78 D) 49
2	2 X 4 X 100 = ... A) 8 B) 80 C) 800 D) 8000
3	36 hundreds = ... A) 360 B) 3600 C) 36000 D) 580
4	10 X 10 = ... A) ten B) Hundred C) thousand D) ten thousand
5	1 X 1000 = ... A) ten B) Hundred C) thousand D) ten thousand
6	3 X 10 = ... ten A) 1 B) 2 C) 3 D) 4
7	45 X 10 = ... tens A) 45 B) 450 C) 4500 D) 45000
8	96 X 100 = ... tens A) 96 B) 960 C) 9600 D) 96000
9	32 X 1000 = ... tens A) 32 B) 320 C) 3200 D) 32000
10	360 X 100 = ... hundreds A) 36 B) 360 C) 3600 D) 36000
11	78 X 1000 = ... hundreds A) 78 B) 780 C) 7800 D) 78000
12	2 X 3 X 100 = ... A) 6 B) 60 C) 600 D) 6000
13	3 X 4 X 10 = ... A) 12 B) 120 C) 1200 D) 12000
14	10 X 3 X 6 = 10 X .... A) 35 B) 28 C) 18 D) 27

Quiz [E]	Date :		الاسم : ....
Mark	14		توقيع ولى الأمر

1	14 X 100 = ... A) 14 B) 140 C) 1400 D) 14000
2	78 X 1000 = ... A) 78 B) 780 C) 7800 D) 78000
3	4 X 8 X 10 = 10 X .... A) 12 B) 15 C) 21 D) 32
4	5 X 3 X 100 = 100 X .... A) 12 B) 15 C) 21 D) 32
5	9 X .... X 10 = 36 X 10 A) 3 B) 4 C) 5 D) 6
6	7 X .... X 10 = 21 X 10 A) 3 B) 4 C) 5 D) 6
7	1000 X 36 .... 1000 X 91 A) < B) > C) =
8	80 X 90 .... 100 X 72 A) < B) > C) =
9	75 = 5 + 10 X .... A) 7 B) 8 C) 9 D) 6
10	835 = 35 + 100 X .... A) 7 B) 8 C) 9 D) 6
11	6 X 100 = ... A) 6 B) 60 C) 600 D)6000
12	14 X 1000 = ... A) 14 B) 140 C) 1400 D) 14000
13	Ten tens = ... A) 10 B) 100 C) 1000 D) 10 000
14	36 thousands = ... A) 360 B) 3600 C) 36000 D) 580

Homework

Quiz [A]	Date :			الاسم : ....
Mark	13			توقيع ولى الأمر

1	89 X .... = 89 tens			
	A) 10	B) 100	C) 1000	D) 1
2	..................X 100 = 7000			
	A) 7	B) 70	C) 700	D) 7000
3	..................X 10 000 = 70 000			
	A) 7	B) 70	C) 700	D) 7000
4	60 X 70 = 100 X			
	A) 42	B) 48	C) 56	D) 54
5	30 X 6 = 10 X			
	A) 12	B) 18	C) 16	D) 27
6	8 X 70 = 10 X			
	A) 42	B) 48	C) 56	D) 54
7	80 X 700 = 1000 X			
	A) 42	B) 48	C) 56	D) 54
8	30 X 600 = 1000 X			
	A) 12	B) 18	C) 16	D) 27
9	7 X 3 X 100 = 100 X			
	A) 12	B) 15	C) 21	D) 32
10	1000 X 3 X 9 = 1000 X			
	A) 35	B) 28	C) 18	D) 27
11	30 X 40 = 100 X			
	A) 12	B) 18	C) 16	D) 27
12	60 X 80 = 100 X			
	A) 42	B) 48	C) 56	D) 54
13	4 X 40 = 10 X			
	A) 12	B) 18	C) 16	D) 27

Quiz [B]	Date :			الاسم : ....
Mark	14			توقيع ولى الأمر

1	1 X 10 000 = ... A) ten B) Hundred C) thousand D) ten thousand
2	36 X 10 = ...tens A) 36 B) 360 C) 3600 D) 36000
3	45 X 100 = ...tens A) 45 B) 450 C) 4500 D) 45000
4	96 X 1000 = ...tens A) 96 B) 960 C) 9600 D) 96000
5	32 X 10000 = ...tens A) 32 B) 320 C) 3200 D) 32000
6	36 X 10000 = ... hundreds A) 36 B) 360 C) 3600 D) 36000
7	780 X 100 = ... hundreds A) 78 B) 780 C) 7800 D) 78000
8	2 X 3 X 1000 = ... A) 6 B) 60 C) 600 D) 6000
9	3 X 4 X 100 = ... A) 12 B) 120 C) 1200 D) 12000
10	10 X 3 X 9 = 10 X .... A) 35 B) 28 C) 18 D) 27
11	100 X 5 X 7 = 100 X .... A) 35 B) 28 C) 18 D) 27
12	4 X 3 X 100 = 100 X .... A) 12 B) 15 C) 21 D) 32
13	1000 X 3 X 6 = 1000 X .... A) 35 B) 28 C) 18 D) 27
14	4 X 8 X 1000 = 1000 X .... A) 12 B) 15 C) 21 D) 32

Quiz [C]	Date :	الاسم : ....
Mark	14	توقيع ولى الأمر

1	..................X 100 = 80 000 A) 8 B) 80 C) 800 D) 8000
2	3 X .... X 10 = 15 X 10 A) 3 B) 4 C) 5 D) 6
3	9 X .... X 1000 = 36 X 1000 A) 3 B) 4 C) 5 D) 6
4	40 X 90 .... 100 X 36 A) < B) > C) =
5	2000 X 6 .... 2000 X 8 A) < B) > C) =
6	85 = 5 + 10 X .... A) 7 B) 8 C) 9 D) 6
7	935 = 35 + 100 X .... A) 7 B) 8 C) 9 D) 6
8	6 X 1000 = ... A) 6 B) 60 C) 600 D)6000
9	78 X 1 = ... A) 78 B) 780 C) 7800 D) 78000
10	Ten hundreds = ... A) 10 B) 100 C) 1000 D) 10 000
11	58 tens = ... A) 360 B) 3600 C) 36000 D) 580
12	10 X 1000 = ... A) ten B) Hundred C) thousand D) ten thousand
13	10 X 10 = ... Hundred A) 1 B) 2 C) 3 D) 4
14	36 X 100 = ...tens A) 36 B) 360 C) 3600 D) 36000

Quiz [D]	Date :	الاسم : ....

Mark	14			توقيع ولى الأمر

1	30 X 900 = 1000 X .... A) 12 B) 18 C) 16 D) 27	
2	600 X 80 = 1000 X .... A) 42 B) 48 C) 56 D) 54	
3	3 X 7 X .... = 21000 A) 1 B) 10 C) 100 D) 1000	
4	10 X .... = 320 A) 32 B) 56 C) 78 D) 49	
5	100 X .... = 5600 A) 32 B) 56 C) 78 D) 49	
6	1000 X .... = 78000 A) 32 B) 56 C) 78 D) 49	
7	36 X .... = 36 thousands A) 10 B) 100 C) 1000 D) 1	
8	47 X .... = 47 tens A) 10 B) 100 C) 1000 D) 1	
9	73 X .... = 73 hundreds A) 10 B) 100 C) 1000 D) 1	
10	61 X .... = 61 thousands A) 10 B) 100 C) 1000 D) 1	
11	.... X 1000 = 7000 A) 7 B) 70 C) 700 D) 7000	
12	.... X 10 = 8000 A) 8 B) 80 C) 800 D) 8000	
13	.... X 1000 = 80 000 A) 8 B) 80 C) 800 D) 8000	
14	7 X .... X 1000 = 21 X 1000 A) 3 B) 4 C) 5 D) 6	

Quiz [E]	Date :			الاسم : ....
Mark	14			توقيع ولى الأمر

1	780 X 1000 = ... hundreds			
	A) 78	B) 780	C) 7800	D) 78000
2	2 X 4 X 100 = ...			
	A) 8	B) 80	C) 800	D) 8000
3	10 X 5 X 7 = 10 X			
	A) 35	B) 28	C) 18	D) 27
4	4 X 3 X 10 = 10 X			
	A) 12	B) 15	C) 21	D) 32
5	100 X 3 X 6 = 100 X			
	A) 35	B) 28	C) 18	D) 27
6	4 X 8 X 100 = 100 X			
	A) 12	B) 15	C) 21	D) 32
7	5 X 3 X 1000 = 1000 X			
	A) 12	B) 15	C) 21	D) 32
8	30 X 60 = 100 X			
	A) 12	B) 18	C) 16	D) 27
9	80 X 70 = 100 X			
	A) 42	B) 48	C) 56	D) 54
10	30 X 9 = 10 X			
	A) 12	B) 18	C) 16	D) 27
11	30 X 400 = 1000 X			
	A) 12	B) 18	C) 16	D) 27
12	400 X 40 = 1000 X			
	A) 12	B) 18	C) 16	D) 27
13	60 X 800 = 1000 X			
	A) 42	B) 48	C) 56	D) 54
14	600 X 90 = 1000 X			
	A) 42	B) 48	C) 56	D) 54

Primary [3]

Math - Second Term

Unit [1] - Part [2]



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الاســم ....

Lesson [2] : Multiplying a -2digit Number or more by a -1 digit Number

Exercises

[A] : Choose The Correct Answer : -

1	403 × 3 = ... (600 *or* 1 209 *or* 620)
2	A teacher bought 402 notes to distribute them among some pupils, if the price of one note equals 4 pounds , then the total cost requires .... operation. a. addition b. multiplication c. division
3	✱ 44 × 10 = ... (4 040 *or* 400 *or* 440 *or* 4 400)
4	✱ 63 × 100 = ... (630 *or* 6 300 *or* 63 000)
5	✱ 8 × 100 .... 2 × 4 × 1 000 (< *or* > *or* =)
6	154 ☐ 100 = 15 400 a. + b. × c. ÷
7	304 × 3 = 900 + ... (12 *or* 21 *or* 2)
8	✱ 29 × 10 = ... (29 *or* 290 *or* 2 900)
9	136 × 100 = ... a. 360 b. 13 600 c. 136 000
10	3 tens + ... = 33 a. 3 b. 9 c. 6
11	5 tens + ... = 51 a. 1 b. 10 c. 100
12	The price of 10 pencils = 5 pounds , then the price of each = ... pounds. (2 *or* $\frac{1}{2}$ *or* 50)
13	642 × 4 < 642 × .... (2 *or* 3 *or* 4 *or* 5)
14	✱ 27 × 10 = ... (270 *or* 2 700 *or* 2 070)
15	✱ 47 × 100 = ... (4 700 *or* 470 *or* 47)
16	572 × 6 = ... (34 312 *or* 3 431 *or* 3 432)

17	5 tens + ... = 51	(100 **or** 10 **or** 1)
18	5 tens = 5 × .... a. 10 b.100 c. 1 000	
19	✱ (7 × 100) + (2 × 100) = ... × 100	(9 **or** 90 **or** 900)
20	208 × 7 = ...	(1 654 **or** 1 456 **or** 1 546)
21	✱ 23 × 10 = ...	(23 **or** 230 **or** 2 300)
22	✱ 40 × 100 = ...	(4 000 **or** 140 **or** 400)
23	✱ 78 × 1 000 = ...	(78 000 **or** 7 800 **or** 780)
24	✱ 47 × 100 = ... hundreds.	(4 700 **or** 470 **or** 47)
25	20 × 5 × 36 = 100 ×	(36 **or** 50 **or** 100)
26	✱ 19 × 10 = ...	(1 900 **or** 190 **or** 1 090)
27	5 × 4 × 10 = ...	(200 **or** 90 **or** 30 **or** 20)
28	✱ 59 × 1 000 = ...	(590 **or** 5 900 **or** 59 000)
29	✱ 6 × 1 000 ☐ 30 × 100	(> **or** = **or** <)
30	✱ .... × 100 = 2 900	(29 **or** 209 **or** 290)
31	103 × 5 = ...	(115 **or** 515 **or** 551)
32	✱ 15 × 10 = ...	(15 **or** 150 **or** 50 **or** 100)
33	✱ 83 × 10 = ...	(83 **or** 830 **or** 800)
34	✱ 43 × 1 000 = ...	(430 **or** 4 300 **or** 43 000)
35	3 hundreds ☐ 4 hundreds – (10 × 20) a. > b. < c. =	
36	20 × .... = 200 a. 1 b. 10 c. 100	
37	356 × 4 = ...	(1 464 **or** 4 214 **or** 1 424 **or** 4 642)
38	✱ 10 × 11 = ...	(1 010 **or** 110 **or** 1 100)

39	✱ 76 × 10 = ...	(760 **or** 7 060 **or** 670)
40	✱ 50 × 1 000 = ...	(500 **or** 5 000 **or** 50 000)
41	✱ 5 × 6 × 100 .... 3 × 1 000	(< **or** > **or** =)
42	✱ 54 × .... = 540	(10 **or** 100 **or** 1 000)
43	236 × 4 = ...	(494 **or** 499 **or** 944)
44	Ahmed wants to buy 135 notes , if the price of one note is 8 pounds , then the total money of what Ahmed pay requires .... a. adding 135 + 8 b. multiplying 135 × 8 c. dividing 135 ÷ 8	
45	✱ 59 × 10 = ...	(50 **or** 590 **or** 90)
46	✱ 37 × 1 000 = ...	(370 **or** 3 700 **or** 37 000)
47	✱ 100 × 20 ☐ 4 × 5 × 1 000	(> **or** = **or** <)
48	✱ .... × 100 = 2 400	(2 **or** 4 **or** 24 **or** 240)
49	Soha wanted to buy 813 notes for 6 pounds each , then the total price requires .... operation. a. addition b. multiplication c. division	
50	✱ 47 × 10 = ...	(40 **or** 70 **or** 470)
51	✱ 6 × 1 000 = ...	(600 **or** 6 000 **or** 60)
52	✱ 2 × 3 × 100 ☐ 6 × 1 000	(= **or** > **or** <)
53	✱ .... × 100 = 5 700	(5 **or** 7 **or** 57 **or** 75)

[B] : Complete the Following : -

1	213 × 3 = ...
2	✱ 17 × 1 000 = ...
3	✱ 9 × 1 000 = 1 000 × .... = ...
4	✱ 99 × 10 = ...
5	✱ 3 × 5 × 10 = ... × 10 = ...

6	✻ (4 × 1 000) + (5 × 1 000) = …………… × 1 000 = ……………
7	✻ 567 × 10 = ……………
8	Hossam has 6 banknotes of 100 pounds , and 40 banknotes of 10 pounds , then the total money of what Hossam has = …………… pounds.
9	✻ …………… × 10 = 6 tens = ……………
10	300 ☐ 400 – (10 × 20) (using < , > *or* =) Number of hours
11	1 067 × 8 = ……………
12	✻ 7 × 10 = …………… tens.
13	✻ 10 × …………… = 60 + 20
14	2 0 7 × 8 ………………………
15	40 × 3 = ……………
16	The number that if multiplied by 615 , then result will be 615 000 is ……………
17	2 415 × 6 = ……………
18	9 × …………… = 72
19	✻ 50 × 30 = …………… × 100 = ……………
20	236 × 4 = ……………
21	80 × 7 = ……………
22	✻ 2 × 7 × …………… = 14 × 1 000 = ……………
23	2 154 × 3 = ……………
24	✻ 8 × 1 000 = …………… thousands = ……………

25	✱ 84 × 100 = 100 × .... = ...
26	✱ 4 × 7 × 1 000 = ...
27	✱ 10 × 600 = ... × 1 000 = ...

[C] : Essay Problems : -

1	***Find :*** 3 4 6 × 7 ....
2	276 × 4 = ...
3	***Find :*** 236 × 4 = ...
4	Amr bought 4 jackets , if the price of each one is L.E. 375 Find what Amr paid. What Amr paid = ... = L.E. ....
5	Hossam bought 6 pairs of shoes , if the price of each pair of shoes is 25 pounds. How much money did he pay ? The price of all pairs of shoes = ... = ... pounds.
6	Salwa bought 6 bags , the price of each one is 175 pounds. How much money did she pay ? She paid = ... = ... pounds.
7	Ahmed wants to buy 135 notes , if the price of one note is 8 pounds , then find the total money of what Ahmed pay requires. The total money = ... × .... = ... pounds.

Homework

[A] : Choose The Correct Answer : -

1	572 × 6 = ... (34 312 *or* 3 431 *or* 3 432)
2	Soha wanted to buy 813 notes for 6 pounds each , then the total price requires .... operation. a. addition b. multiplication c. division
3	✱ 23 × 10 = ... (23 *or* 230 *or* 2 300)
4	✱ 59 × 10 = ... (50 *or* 590 *or* 90)
5	✱ 47 × 100 = ... (4 700 *or* 470 *or* 47)
6	✱ 50 × 1 000 = ... (500 *or* 5 000 *or* 50 000)
7	3 tens + ... = 33 a. 3 b. 9 c. 6
8	3 hundreds ☐ 4 hundreds – (10 × 20) a. > b. < c. =
9	154 ☐ 100 = 15 400 a. + b. × c. ÷
10	✱ .... × 100 = 2 900 (29 *or* 209 *or* 290)
11	103 × 5 = ... (115 *or* 515 *or* 551)
12	A teacher bought 402 notes to distribute them among some pupils, if the price of one note equals 4 pounds , then the total cost requires .... operation. a. addition b. multiplication c. division
13	✱ 19 × 10 = ... (1 900 *or* 190 *or* 1 090)
14	✱ 47 × 10 = ... (40 *or* 70 *or* 470)
15	✱ 40 × 100 = ... (4 000 *or* 140 *or* 400)
16	✱ 37 × 1 000 = ... (370 *or* 3 700 *or* 37 000)
17	5 tens + ... = 51 (100 *or* 10 *or* 1)

18	✻ 5 × 6 × 100 ………… 3 × 1 000 (< **or** > **or** =)
19	5 tens + ………… = 51 a. 1 b. 10 c. 100
20	20 × ………… = 200 a. 1 b. 10 c. 100
21	356 × 4 = ………… (1 464 **or** 4 214 **or** 1 424 **or** 4 642)
22	304 × 3 = 900 + ………… (12 **or** 21 **or** 2)
23	✻ 15 × 10 = ………… (15 **or** 150 **or** 50 **or** 100)
24	✻ 44 × 10 = ………… (4 040 **or** 400 **or** 440 **or** 4 400)
25	5 × 4 × 10 = ………… (200 **or** 90 **or** 30 **or** 20)
26	✻ 6 × 1 000 = ………… (600 **or** 6 000 **or** 60)
27	✻ 78 × 1 000 = ………… (78 000 **or** 7 800 **or** 780)
28	✻ 100 × 20 ☐ 4 × 5 × 1 000 (> **or** = **or** <)
29	5 tens = 5 × ………… a. 10 b.100 c. 1 000
30	✻ 54 × ………… = 540 (10 **or** 100 **or** 1 000)
31	The price of 10 pencils = 5 pounds , then the price of each = ………… pounds. (2 **or** $\frac{1}{2}$ **or** 50)
32	236 × 4 = ………… (494 **or** 499 **or** 944)
33	642 × 4 < 642 × ………… (2 **or** 3 **or** 4 **or** 5)
34	✻ 10 × 11 = ………… (1 010 **or** 110 **or** 1 100)
35	✻ 29 × 10 = ………… (29 **or** 290 **or** 2 900)
36	✻ 83 × 10 = ………… (83 **or** 830 **or** 800)
37	✻ 63 × 100 = ………… (630 **or** 6 300 **or** 63 000)
38	✻ 59 × 1 000 = ………… (590 **or** 5 900 **or** 59 000)
39	✻ 2 × 3 × 100 ☐ 6 × 1 000 (= **or** > **or** <)

40	✱ 47 × 100 = ... hundreds.	(4 700 or 470 or 47)
41	✱ .... × 100 = 2 400	(2 or 4 or 24 or 240)
42	✱ (7 × 100) + (2 × 100) = ... × 100	(9 or 90 or 900)
43	208 × 7 = ...	(1 654 or 1 456 or 1 546)
44	Ahmed wants to buy 135 notes , if the price of one note is 8 pounds , then the total money of what Ahmed pay requires .... a. adding 135 + 8 b. multiplying 135 × 8 c. dividing 135 ÷ 8	
45	✱ 27 × 10 = ...	(270 or 2 700 or 2 070)
46	✱ 76 × 10 = ...	(760 or 7 060 or 670)
47	136 × 100 = ... a. 360 b. 13 600 c. 136 000	
48	✱ 43 × 1 000 = ...	(430 or 4 300 or 43 000)
49	✱ 8 × 100 .... 2 × 4 × 1 000	(< or > or =)
50	✱ 6 × 1 000 ☐ 30 × 100	(> or = or <)
51	✱ .... × 100 = 5 700	(5 or 7 or 57 or 75)
52	403 × 3 = ...	(600 or 1 209 or 620)
53	20 × 5 × 36 = 100 ×	(36 or 50 or 100)

[B] : Complete the Following : -

1	213 × 3 = ...
2	✱ 4 × 7 × 1 000 = ...
3	✱ 7 × 10 = ... tens.
4	✱ 84 × 100 = 100 × .... = ...
5	300 ☐ 400 – (10 × 20) (using < , > *or* =) Number of hours
6	✱ 9 × 1 000 = 1 000 × .... = ...

7	The number that if multiplied by 615 , then result will be 615 000 is …………
8	2 415 × 6 = …………
9	✱ 17 × 1 000 = …………
10	40 × 3 = …………
11	✱ 10 × 600 = ………… × 1 000 = …………
12	✱ 10 × ………… = 60 + 20
13	236 × 4 = …………
14	✱ 99 × 10 = …………
15	2 0 7 × 8 …………………
16	9 × ………… = 72
17	2 154 × 3 = …………
18	✱ 567 × 10 = …………
19	80 × 7 = …………
20	✱ 3 × 5 × 10 = ………… × 10 = …………
21	✱ 50 × 30 = ………… × 100 = …………
22	Hossam has 6 banknotes of 100 pounds , and 40 banknotes of 10 pounds , then the total money of what Hossam has = ………… pounds.
23	1 067 × 8 = …………
24	✱ 8 × 1 000 = ………… thousands = …………
25	✱ ………… × 10 = 6 tens = …………

26	✻ 2 × 7 × .... = 14 × 1 000 = ...
27	✻ (4 × 1 000) + (5 × 1 000) = ... × 1 000 = ...

[C] : Essay Problems : -

1	***Find :*** $\begin{array}{r} 3\ 4\ 6 \\ \times\quad\ \ 7 \\ \hline \dots\dots \end{array}$
2	Hossam bought 6 pairs of shoes , if the price of each pair of shoes is 25 pounds. How much money did he pay ? The price of all pairs of shoes = ... = ... pounds.
3	Amr bought 4 jackets , if the price of each one is L.E. 375 Find what Amr paid. What Amr paid = ... = L.E. ....
4	***Find :*** 236 × 4 = ...
5	276 × 4 = ...
6	Ahmed wants to buy 135 notes , if the price of one note is 8 pounds , then find the total money of what Ahmed pay requires. The total money = ... × .... = ... pounds.
7	Salwa bought 6 bags , the price of each one is 175 pounds. How much money did she pay ? She paid = ... = ... pounds.

Primary [3]

Math - Second Term

Unit [1] - Part [3]



Mr. Mahmoud Esmaiel

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الاســـم ....

Lesson [3] : Even Numbers and Odd Numbers

Even numbers :

The numbers whose units digit is 0 , 2 , 4 , 6 or 8 are called even numbers.

For Example : 6 , 12 , 34 , 578 and 990 are even numbers.

Odd numbers :

The numbers whose units digit is 1 , 3 , 5 , 7 or 9 are called odd numbers.

For Example : 3 , 11 , 25 , 103 , 217 and 4 219 are odd numbers.

Remarks

(1) Each even number can be divided into pairs without remainder.

(2) An even number + 2 = an even number.

- For Example : 12 + 2 = 14

(3) An even number + 1 = an odd number.

- For Example : 20 + 1 = 21

(4) The sum of two even numbers is an even number.

- For Example : 26 + 32 = 58

  even + even = even

(5) The sum of two odd numbers is an even number.

- For Example : 13 + 15 = 28

  odd + odd = even

(6) The sum of an odd number and an even number is an odd number.

- For Example : 36 + 17 = 53

  even + odd = odd

Exercises

[A] : Choose The Correct Answer : -

1	The smallest odd number is .... (2 **or** 1 **or** 0)
2	Which of the following numbers represent an odd number ? a. 6 tens + 6 b. 125 × 5 c. 306 ÷ 3
3	The sum of two odd numbers is 30 , then they are .... (51 and 49 **or** 12 and 18 **or** 17 and 13 **or** 20 and 10)
4	✱ 63 × 100 = ... (630 **or** 6 300 **or** 63 000)
5	5 tens = 5 × .... a. 10 b.100 c. 1 000
6	208 × 7 = ... (1 654 **or** 1 456 **or** 1 546)
7	Which of the following numbers represents an odd number ? (5 361 **or** 5 362 **or** 5 366)
8	Which of the following numbers represents an even number ? (4 362 **or** 4 361 **or** 4 365)
9	136 × 100 = ... a. 360 b. 13 600 c. 136 000
10	✱ 47 × 100 = ... hundreds. (4 700 **or** 470 **or** 47)
11	572 × 6 = ... (34 312 **or** 3 431 **or** 3 432)
12	Which of the following numbers represents an odd number ? (5 361 **or** 5 362 **or** 5 366)
13	The number .... is an even number. (2 221 **or** 3 110 **or** 4 463)
14	✱ 47 × 100 = ... (4 700 **or** 470 **or** 47)
15	✱ 6 × 1 000 ☐ 30 × 100 (> **or** = **or** <)
16	103 × 5 = ... (115 **or** 515 **or** 551)
17	.... is an odd number. (24 **or** 34 **or** 86 **or** 11)

18	Which of the following number represent an even number ? a. 4 tens + one hundred b. 363 ÷ 3 c. 325 × 115
19	✱ 40 × 100 = ... (4 000 **or** 140 **or** 400)
20	3 hundreds ☐ 4 hundreds – (10 × 20) a. > b. < c. =
21	356 × 4 = ... (1 464 **or** 4 214 **or** 1 424 **or** 4 642)
22	Which of these numbers is odd ? (10 **or** 5 **or** 8)
23	The even number is .... (657 **or** 100 **or** 433)
24	5 × 4 × 10 = ... (200 **or** 90 **or** 30 **or** 20)
25	✱ 5 × 6 × 100 .... 3 × 1 000 (< **or** > **or** =)
26	236 × 4 = ... (494 **or** 499 **or** 944)
27	.... is from odd numbers. (16 **or** 14 **or** 15)
28	.... is an even number. (357 **or** 129 **or** 346)
29	✱ 83 × 10 = ... (83 **or** 830 **or** 800)
30	✱ 100 × 20 ☐ 4 × 5 × 1 000 (> **or** = **or** <)
31	403 × 3 = ... (600 **or** 1 209 **or** 620)
32	.... is odd number. (6 **or** 8 **or** 11)
33	The number .... is an even number. (340 **or** 311 **or** 245)
34	✱ 76 × 10 = ... (760 **or** 7 060 **or** 670)
35	✱ 2 × 3 × 100 ☐ 6 × 1 000 (= **or** > **or** <)
36	The price of 10 pencils = 5 pounds , then the price of each = ... pounds. (2 **or** $\frac{1}{2}$ **or** 50)
37	The number .... is an odd number. (13 **or** 42 **or** 54 **or** 86)
38	The number .... is an even number. (287 **or** 356 **or** 211)
39	✱ 59 × 10 = ... (50 **or** 590 **or** 90)

40	✱ 8 × 100 .... 2 × 4 × 1 000	(< or > or =)
41	✱ (7 × 100) + (2 × 100) = ... × 100	(9 or 90 or 900)
42	5 150 is an .... number.	(odd or even or symmetrical)
43	Which of the following numbers is not an even number ?	(268 or 407 or 610)
44	✱ 47 × 10 = ...	(40 or 70 or 470)
45	3 tens + ... = 33	a. 3 b. 9 c. 6
46	20 × 5 × 36 = 100 ×	(36 or 50 or 100)
47	Any odd number + 1 = ... number.	(odd or even or prime)
48	Which of the following numbers is not even number ?	(264 or 407 or 610)
49	✱ 44 × 10 = ...	(4 040 or 400 or 440 or 4 400)
50	5 tens + ... = 51	(100 or 10 or 1)
51	✱ .... × 100 = 2 900	(29 or 209 or 290)
52	The smallest even number is	(1 or 2 or 0)
53	The number .... is an even number.	(204 or 531 or 97)
54	✱ 29 × 10 = ...	(29 or 290 or 2 900)
55	✱ 78 × 1 000 = ...	(78 000 or 7 800 or 780)
56	20 × .... = 200	a. 1 b. 10 c. 100
57	.... is even number.	(131 or 258 or 249)
58	✱ 27 × 10 = ...	(270 or 2 700 or 2 070)
59	✱ 59 × 1 000 = ...	(590 or 5 900 or 59 000)
60	✱ 54 × .... = 540	(10 or 100 or 1 000)
61	.... is an even number.	(100 or 105 or 119)

62	✻ 23 × 10 = …………… (23 **or** 230 **or** 2 300)
63	✻ 43 × 1 000 = …………… (430 **or** 4 300 **or** 43 000)
64	✻ …………… × 100 = 2 400 (2 **or** 4 **or** 24 **or** 240)
65	Soha wanted to buy 813 notes for 6 pounds each , then the total price requires …………… operation. a. addition b. multiplication c. division
66	The number …………… is an even number. (61 **or** 16 **or** 11)
67	Ahmed wants to buy 135 notes , if the price of one note is 8 pounds , then the total money of what Ahmed pay requires …………… a. adding 135 + 8 b. multiplying 135 × 8 c. dividing 135 ÷ 8
68	✻ 19 × 10 = …………… (1 900 **or** 190 **or** 1 090)
69	✻ 50 × 1 000 = …………… (500 **or** 5 000 **or** 50 000)
70	✻ …………… × 100 = 5 700 (5 **or** 7 **or** 57 **or** 75)
71	A teacher bought 402 notes to distribute them among some pupils, if the price of one note equals 4 pounds , then the total cost requires …………… operation. a. addition b. multiplication c. division
72	The number of the even numbers included between 10 and 20 is …………… (4 **or** 6 **or** 8)
73	✻ 15 × 10 = …………… (15 **or** 150 **or** 50 **or** 100)
74	✻ 37 × 1 000 = …………… (370 **or** 3 700 **or** 37 000)
75	154 ☐ 100 = 15 400 a. + b. × c. ÷
76	304 × 3 = 900 + …………… (12 **or** 21 **or** 2)
77	The number of the even numbers that are included between 20 and 40 is …………… (2 **or** 6 **or** 9)
78	✻ 10 × 11 = …………… (1 010 **or** 110 **or** 1 100)
79	✻ 6 × 1 000 = …………… (600 **or** 6 000 **or** 60)

[B] : Complete the Following : -

1	The smallest odd number is ....
2	The odd number that comes just before 51 is ....
3	The even number which are less than 2 is ....
4	3 , 6 , 9 , ... , ... (in the same pattern)
5	8 , 12 , 16 , ... (in the same pattern)
6	1 515 , 1 520 , 1 525 , ... , ... (in the same pattern)
7	✱ 17 × 1 000 = ...
8	9 × .... = 72
9	✱ 3 × 5 × 10 = ... × 10 = ...
10	✱ 2 × 7 × .... = 14 × 1 000 = ...
11	300 ☐ 400 – (10 × 20) (using < , > *or* =) Number of hours
12	The odd number just after 13 is ....
13	The sum of two odd numbers is an .... number.
14	3 , 6 , 12 , ... (in the same pattern)
15	6 , 12 , 24 , ... , ... , ... (in the same pattern).
16	64 , 32 , 16 , ... , ... (in the same pattern)
17	✱ 99 × 10 = ...
18	80 × 7 = ...
19	✱ .... × 10 = 6 tens = ...
20	✱ 84 × 100 = 100 × .... = ...

21	✻ 10 × .... = 60 + 20
22	213 × 3 = ...
23	The odd number just after 5 is ....
24	The sum of any two odd numbers is .... number.
25	Complete such that the result will be an odd number (214 + ...)
26	5 , 10 , 15 , ... , ... (in the same pattern)
27	13 , 16 , 19 , ... , ... (in the same pattern)
28	✻ 567 × 10 = ...
29	✻ 8 × 1 000 = ... thousands = ...
30	✻ 7 × 10 = ... tens.
31	✻ 10 × 600 = ... × 1 000 = ...
32	The number that if multiplied by 615 , then result will be 615 000 is ....
33	Hossam has 6 banknotes of 100 pounds , and 40 banknotes of 10 pounds , then the total money of what Hossam has = ... pounds.
34	Then odd number just after 55 is ....
35	The even numbers which are less than 3 are .... and ....
36	4 , 40 , 400 , ... (in the same pattern)
37	12 , 36 , 108 , ... , ... (in the same pattern)
38	From the numbers : 6 374 , 8 651 , 4 205 , 1 352 , the odd numbers are .... , ...
39	✻ 4 × 7 × 1 000 = ...

Homework

[A] : Choose The Correct Answer : -

1	The smallest odd number is .... (2 **or** 1 **or** 0)
2	5 150 is an .... number. (odd **or** even **or** symmetrical)
3	.... is from odd numbers. (16 **or** 14 **or** 15)
4	Which of the following numbers represents an odd number ? (5 361 **or** 5 362 **or** 5 366)
5	The number of the even numbers that are included between 20 and 40 is .... (2 **or** 6 **or** 9)
6	.... is an even number. (100 **or** 105 **or** 119)
7	Which of the following numbers is not even number ? (264 **or** 407 **or** 610)
8	The number .... is an even number. (340 **or** 311 **or** 245)
9	Which of the following number represent an even number ? a. 4 tens + one hundred b. 363 ÷ 3 c. 325 × 115
10	✱ 19 × 10 = ... (1 900 **or** 190 **or** 1 090)
11	✱ 29 × 10 = ... (29 **or** 290 **or** 2 900)
12	✱ 59 × 10 = ... (50 **or** 590 **or** 90)
13	5 × 4 × 10 = ... (200 **or** 90 **or** 30 **or** 20)
14	136 × 100 = ... a. 360 b. 13 600 c. 136 000
15	✱ 37 × 1 000 = ... (370 **or** 3 700 **or** 37 000)
16	✱ 59 × 1 000 = ... (590 **or** 5 900 **or** 59 000)
17	✱ 100 × 20 ☐ 4 × 5 × 1 000 (> **or** = **or** <)
18	✱ 6 × 1 000 ☐ 30 × 100 (> **or** = **or** <)

19	3 tens + ... = 33 a. 3　　b. 9　　c. 6
20	5 tens + ... = 51 a. 1　　b. 10　　c. 100
21	✻ .... × 100 = 2 400　(2 or 4 or 24 or 240)
22	✻ .... × 100 = 2 900　(29 or 209 or 290)
23	The price of 10 pencils = 5 pounds , then the price of each = ... pounds.　(2 or $\frac{1}{2}$ or 50)
24	356 × 4 = ...　(1 464 or 4 214 or 1 424 or 4 642)
25	208 × 7 = ...　(1 654 or 1 456 or 1 546)
26	A teacher bought 402 notes to distribute them among some pupils, if the price of one note equals 4 pounds , then the total cost requires .... operation. a. addition　　b. multiplication　　c. division
27	The smallest even number is ....　(1 or 2 or 0)
28	The number .... is an odd number. (13 or 42 or 54 or 86)
29	Which of these numbers is odd ?　(10 or 5 or 8)
30	Which of the following numbers represents an odd number ? (5 361 or 5 362 or 5 366)
31	The number of the even numbers included between 10 and 20 is .... (4 or 6 or 8)
32	.... is even number.　(131 or 258 or 249)
33	Which of the following numbers is not an even number ? (268 or 407 or 610)
34	.... is an even number.　(357 or 129 or 346)
35	The number .... is an even number. (2 221 or 3 110 or 4 463)
36	✻ 10 × 11 = ...　(1 010 or 110 or 1 100)
37	✻ 23 × 10 = ...　(23 or 230 or 2 300)

38	✱ 44 × 10 = …………… (4 040 **or** 400 **or** 440 **or** 4 400)
39	✱ 76 × 10 = …………… (760 **or** 7 060 **or** 670)
40	✱ 40 × 100 = …………… (4 000 **or** 140 **or** 400)
41	✱ 63 × 100 = …………… (630 **or** 6 300 **or** 63 000)
42	✱ 50 × 1 000 = …………… (500 **or** 5 000 **or** 50 000)
43	✱ 78 × 1 000 = …………… (78 000 **or** 7 800 **or** 780)
44	✱ 8 × 100 …………… 2 × 4 × 1 000 (< **or** > **or** =)
45	✱ 5 × 6 × 100 …………… 3 × 1 000 (< **or** > **or** =)
46	✱ 47 × 100 = …………… hundreds. (4 700 **or** 470 **or** 47)
47	154 ☐ 100 = 15 400 a. + b. × c. ÷
48	✱ 54 × …………… = 540 (10 **or** 100 **or** 1 000)
49	20 × 5 × 36 = 100 × …………… (36 **or** 50 **or** 100)
50	403 × 3 = …………… (600 **or** 1 209 **or** 620)
51	103 × 5 = …………… (115 **or** 515 **or** 551)
52	642 × 4 < 642 × …………… (2 **or** 3 **or** 4 **or** 5)
53	Soha wanted to buy 813 notes for 6 pounds each , then the total price requires …………… operation. a. addition b. multiplication c. division
54	Any odd number + 1 = …………… number. (odd **or** even **or** prime)
55	…………… is odd number. (6 **or** 8 **or** 11)
56	…………… is an odd number. (24 **or** 34 **or** 86 **or** 11)
57	Which of the following numbers represent an odd number ? a. 6 tens + 6 b. 125 × 5 c. 306 ÷ 3
58	The number …………… is an even number. (61 **or** 16 **or** 11)
59	The number …………… is an even number. (204 **or** 531 **or** 97)

60	The number .... is an even number. (287 **or** 356 **or** 211)
61	The even number is .... (657 **or** 100 **or** 433)
62	Which of the following numbers represents an even number ? (4 362 **or** 4 361 **or** 4 365)
63	✱ 15 × 10 = ... (15 **or** 150 **or** 50 **or** 100)
64	✱ 27 × 10 = ... (270 **or** 2 700 **or** 2 070)
65	✱ 47 × 10 = ... (40 **or** 70 **or** 470)
66	✱ 83 × 10 = ... (83 **or** 830 **or** 800)
67	✱ 47 × 100 = ... (4 700 **or** 470 **or** 47)
68	✱ 6 × 1 000 = ... (600 **or** 6 000 **or** 60)
69	✱ 43 × 1 000 = ... (430 **or** 4 300 **or** 43 000)
70	5 tens + ... = 51 (100 **or** 10 **or** 1)
71	✱ 2 × 3 × 100 ☐ 6 × 1 000 (= **or** > **or** <)
72	3 hundreds ☐ 4 hundreds – (10 × 20) a. > b. < c. =
73	5 tens = 5 × .... a. 10 b. 100 c. 1 000
74	✱ .... × 100 = 5 700 (5 **or** 7 **or** 57 **or** 75)
75	20 × .... = 200 a. 1 b. 10 c. 100
76	✱ (7 × 100) + (2 × 100) = ... × 100 (9 **or** 90 **or** 900)
77	236 × 4 = ... (494 **or** 499 **or** 944)
78	572 × 6 = ... (34 312 **or** 3 431 **or** 3 432)
79	The sum of two odd numbers is 30 , then they are .... (51 and 49 **or** 12 and 18 **or** 17 and 13 **or** 20 and 10)
80	304 × 3 = 900 + ... (12 **or** 21 **or** 2)

[B] : Complete the Following : -

1	The smallest odd number is ....
2	12 , 36 , 108 , ... , ... (in the same pattern)
3	✱ 9 × 1 000 = 1 000 × .... = ...
4	The sum of any two odd numbers is .... number.
5	✱ 567 × 10 = ...
6	The number that if multiplied by 615 , then result will be 615 000 is ....
7	3 , 6 , 12 , ... (in the same pattern)
8	80 × 7 = ...
9	The odd number that comes just before 51 is ....
10	1 515 , 1 520 , 1 525 , ... , ... (in the same pattern)
11	✱ 2 × 7 × .... = 14 × 1 000 = ...
12	Then odd number just after 55 is ....
13	From the numbers : 6 374 , 8 651 , 4 205 , 1 352 , the odd numbers are .... , ...
14	✱ 50 × 30 = ... × 100 = ...
15	Complete such that the result will be an odd number (214 + ...)
16	✱ 8 × 1 000 = ... thousands = ...
17	Hossam has 6 banknotes of 100 pounds , and 40 banknotes of 10 pounds , then the total money of what Hossam has = ... pounds.
18	6 , 12 , 24 , ... , ... , ... (in the same pattern).

19	✱ .... × 10 = 6 tens = ...
20	The even number which are less than 2 is ....
21	✱ 17 × 1 000 = ...
22	300 ☐ 400 – (10 × 20) (using < , > *or* =) Number of hours
23	The even numbers which are less than 3 are .... and ....
24	✱ 4 × 7 × 1 000 = ...
25	✱ (4 × 1 000) + (5 × 1 000) = ... × 1 000 = ...
26	5 , 10 , 15 , ... , ... (in the same pattern)
27	✱ 7 × 10 = ... tens.
28	The odd number just after 13 is ....
29	64 , 32 , 16 , ... , ... (in the same pattern)
30	✱ 84 × 100 = 100 × .... = ...
31	3 , 6 , 9 , ... , ... (in the same pattern)
32	9 × .... = 72
33	4 , 40 , 400 , ... (in the same pattern)
34	40 × 3 = ...
35	The odd number just after 5 is ....
36	13 , 16 , 19 , ... , ... (in the same pattern)
37	✱ 10 × 600 = ... × 1 000 = ...
38	The sum of two odd numbers is an .... number.
39	✱ 99 × 10 = ...

Primary [3]

Math - Second Term

Unit [1] - Part [4]



Mr. Mahmoud Esmaiel

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Lesson [4] : Dividing a Number by a -1 digit Number

Exercises

[A] : Choose The Correct Answer : -

1	.... ÷ 8 = 9	(63 or 72 or 24 or 12)
2	18 ÷ .... = 9	(1 or 2 or 9 or 18)
3	24 ÷ .... = 3	(72 or 27 or 8)
4	45 ÷ .... = 9	(3 or 4 or 5 or 6)
5	36 ÷ 6 .... 36 ÷ 4	(> or < or =)
6	64 ÷ .... = 15 – 7	(1 or 8 or 23)
7	36 ÷ 3 .... 6 × 2	(> or < or =)
8	(7 × 7) ÷ 7 = ...	(1 or 7 or 14 or 49)
9	If we divide .... by 5 we get 5	(1 or 25 or 5)
10	.... ÷ 8 = 9	(72 or 64 or 48)
11	8 400 ÷ 2 = ...	(100 or 4 200 or 420)
12	486 ÷ 2 = ...	(342 or 243 or 432)
13	4 016 ÷ 2 = ...	(2 008 or 2 003 or 208)
14	612 ÷ 3 = ...	(34 or 204 or 43)
15	912 ÷ 3 = 94	(✓ or ✗)
16	9 300 ÷ 3 = ...	(100 or 3 100 or 310)
17	246 ÷ 3 = ...	(28 or 82 or 35 or 24)

18	936 ÷ 3 = ...	(312 ***or*** 2 808 ***or*** 302)
19	930 ÷ 3 = ...	(230 ***or*** 210 ***or*** 310)
20	4 008 ÷ 4 = ...	(12 ***or*** 102 ***or*** 2 001 ***or*** 1 002)
21	804 ÷ 4 = ...	(21 ***or*** 201 ***or*** 402)
22	1 212 ÷ 4 = ...	(313 ***or*** 303 ***or*** 333)
23	804 ÷ 4 = ...	(12 ***or*** 201 ***or*** 4)
24	14 021 ÷ 7 = ...	(203 ***or*** 2 003 ***or*** 3 002)
25	8 080 ÷ 8 = ...	(1 010 ***or*** 11 ***or*** 101)
26	1 899 ÷ 9 = ...	(911 ***or*** 211 ***or*** 119)
27	3 690 ÷ 9 = ...	(610 ***or*** 510 ***or*** 410 ***or*** 310)
28	.... ÷ 3 = 203	(906 ***or*** 609 ***or*** 303)
29	.... ÷ 2 = 22	(44 ***or*** 11 ***or*** 24)
30	.... ÷ 3 = 11	(80 ***or*** 44 ***or*** 33)
31	3 515 ÷ .... = 703	(7 ***or*** 3 ***or*** 5)
32	888 ÷ .... = 222	(3 ***or*** 4 ***or*** 5)
33	804 ÷ .... = 201	(2 ***or*** 3 ***or*** 4)
34	428 × 2 ☐ 428 ÷ 2	(< ***or*** > ***or*** =)
35	246 × 2 ☐ 246 ÷ 2	(> ***or*** < ***or*** =)
36	505 × 5 ☐ 505 ÷ 5	(> ***or*** = ***or*** <)
37	2 061 ÷ 9 .... 2 061 × 9	(> ***or*** < ***or*** =)

38	189 ÷ 9 .... 189 × 9 (> *or* = *or* <)
39	1 000 .... 2 000 ÷ 2 (< *or* = *or* >)
40	133 × 2 .... 966 ÷ 3 (< *or* > *or* =)
41	8 400 × 4 .... 8 460 ÷ 4 (< *or* = *or* >)
42	7 070 ÷ 7 ☐ 7 × 123 (> *or* < *or* =)
43	✱ (12 ÷ 4) + 17 .... 10 × 2 (< *or* = *or* >)
44	999 ÷ 9 = 100 + ... (10 *or* 11 *or* 800)
45	If 206 × 2 = 412 , then 412 ÷ 2 = ... a. 2 b. 206 c. 412
46	A man distributed 603 pounds equally among his three sons , then the share of each son = ... pounds. a. 101 b. 102 c. 201
47	A father wants to distribute 183 pieces of chocolate among his 3 sons , then the share of each son = ... piece. (16 *or* 61 *or* 26)
48	A father wants to distribute L.E. 206 between his sons Mohamed and Ahmed , then the share of each of them = ... pounds. a. 102 b. 103 c. 120
49	The number which multiplied by 3 129 the result will be 3 129 is .... (0 *or* 1 *or* 10)
50	The number that multiplied by 5 the result will be 255 is .... (5 *or* 15 *or* 21 *or* 51)
51	The number is multiplied by 213 the result will be 21 300 is .... a. 10 b. 100 c. 1 000

[B] : Complete the Following : -

1	36 ÷ 9 = ...
2	If 4 × 6 = 24 , then 24 ÷ 4 = ...
3	18 ÷ .... = 9
4	20 ÷ .... = 4
5	(5 + 9) ÷ 7 = ...
6	9 tens ÷ 3 = ...
7	.... ÷ 3 = 132
8	.... ÷ 3 = 222
9	.... ÷ 4 = 21
10	The number that if divided by 6 the result will be 13 is ....
11	The number that if divided by 8 the result will be 16 is ....
12	The number that if divided by 5 the result will be 105 is ....
13	If 135 × 4 = 640 , then 640 ÷ 4 = ...
14	2 424 ÷ 2 = ...
15	2)8 422 = ...
16	848 ÷ 4 = ...
17	4008 ÷ 4 = ...

18	$6\overline{)2\ 406}$ …………
19	777 ÷ 7 = ……………
20	54 072 ÷ 9 = ……………
21	A man distributed 930 pounds equally among his 3 sons , then the share of each son = …………………… pounds.

[C] : Essay Problems :-

1	Find : $7\overline{)2\ 807}$ …………
2	$3\overline{)1\ 836}$ …………
3	160 tourists are distributed equally on 4 buses. How many tourists are there in each bus ? The number of tourists in each bus = ………………………… = ……… tourists.
4	A father distributed 183 pieces of chocolate among his 3 sons , find the share of each son. The share of each son = ………… ÷ …………… = ……………
5	Hady's father distributed 200 pounds equally among his four sons in the occasion of feast. What is the share of each of the four sons ? The share of each son = ……………………………………… = …………… pounds.
6	A man distributed 360 pounds among his three sons equally. Find the share of each son. The share of each son = …………………………………… = …………… pounds.

Homework

[A] : Choose The Correct Answer : -

1	36 ÷ 3 ………… 6 × 2	(> **or** < **or** =)
2	612 ÷ 3 = …………	(34 **or** 204 **or** 43)
3	804 ÷ 4 = …………	(21 **or** 201 **or** 402)
4	………… ÷ 3 = 203	(906 **or** 609 **or** 303)
5	246 × 2 ☐ 246 ÷ 2	(> **or** < **or** =)
6	7 070 ÷ 7 ☐ 7 × 123	(> **or** < **or** =)
7	The number which multiplied by 3 129 the result will be 3 129 is …………	(0 **or** 1 **or** 10)
8	64 ÷ ………… = 15 – 7	(1 **or** 8 **or** 23)
9	4 016 ÷ 2 = …………	(2 008 **or** 2 003 **or** 208)
10	4 008 ÷ 4 = …………	(12 **or** 102 **or** 2 001 **or** 1 002)
11	3 690 ÷ 9 = …………	(610 **or** 510 **or** 410 **or** 310)
12	428 × 2 ☐ 428 ÷ 2	(< **or** > **or** =)
13	8 400 × 4 ………… 8 460 ÷ 4	(< **or** = **or** >)
14	A father wants to distribute L.E. 206 between his sons Mohamed and Ahmed , then the share of each of them = ………… pounds.	a. 102 b. 103 c. 120
15	36 ÷ 6 ………… 36 ÷ 4	(> **or** < **or** =)
16	486 ÷ 2 = …………	(342 **or** 243 **or** 432)

17	930 ÷ 3 = ...	(230 *or* 210 *or* 310)
18	1 899 ÷ 9 = ...	(911 *or* 211 *or* 119)
19	804 ÷ .... = 201	(2 *or* 3 *or* 4)
20	133 × 2 .... 966 ÷ 3	(< *or* > *or* =)
21	A father wants to distribute 183 pieces of chocolate among his 3 sons , then the share of each son = ... piece.	(16 *or* 61 *or* 26)
22	45 ÷ .... = 9	(3 *or* 4 *or* 5 *or* 6)
23	8 400 ÷ 2 = ...	(100 *or* 4 200 *or* 420)
24	936 ÷ 3 = ...	(312 *or* 2 808 *or* 302)
25	8 080 ÷ 8 = ...	(1 010 *or* 11 *or* 101)
26	888 ÷ .... = 222	(3 *or* 4 *or* 5)
27	1 000 .... 2 000 ÷ 2	(< *or* = *or* >)
28	A man distributed 603 pounds equally among his three sons , then the share of each son = ... pounds. a. 101 b. 102 c. 201	
29	24 ÷ .... = 3	(72 *or* 27 *or* 8)
30	.... ÷ 8 = 9	(72 *or* 64 *or* 48)
31	246 ÷ 3 = ...	(28 *or* 82 *or* 35 *or* 24)
32	14 021 ÷ 7 = ...	(203 *or* 2 003 *or* 3 002)
33	3 515 ÷ .... = 703	(7 *or* 3 *or* 5)
34	189 ÷ 9 .... 189 × 9	(> *or* = *or* <)

35	If 206 × 2 = 412 , then 412 ÷ 2 = …………… a. 2 b. 206 c. 412	
36	18 ÷ …………… = 9 (1 or 2 or 9 or 18)	
37	If we divide …………… by 5 we get 5 (1 or 25 or 5)	
38	9 300 ÷ 3 = …………… (100 or 3 100 or 310)	
39	804 ÷ 4 = …………… (12 or 201 or 4)	
40	…………… ÷ 3 = 11 (80 or 44 or 33)	
41	2 061 ÷ 9 …………… 2 061 × 9 (> or < or =)	
42	999 ÷ 9 = 100 + …………… (10 or 11 or 800)	
43	The number is multiplied by 213 the result will be 21 300 is …………… a. 10 b. 100 c. 1 000	
44	(7 × 7) ÷ 7 = …………… (1 or 7 or 14 or 49)	
45	912 ÷ 3 = 94 (✓ or ✗)	
46	1 212 ÷ 4 = …………… (313 or 303 or 333)	
47	…………… ÷ 2 = 22 (44 or 11 or 24)	
48	505 × 5 ☐ 505 ÷ 5 (> or = or <)	
49	✱ (12 ÷ 4) + 17 …………… 10 × 2 (< or = or >)	
50	…………… ÷ 8 = 9 (63 or 72 or 24 or 12)	
51	The number that multiplied by 5 the result will be 255 is …………… (5 or 15 or 21 or 51)	

[B] : Complete the Following : -

1	…………… ÷ 3 = 132
2	2 424 ÷ 2 = ……………
3	A man distributed 930 pounds equally among his 3 sons , then the share of each son = …………………… pounds.
4	9 tens ÷ 3 = ……………
5	If 135 × 4 = 640 , then 640 ÷ 4 = ……………
6	54 072 ÷ 9 = ……………
7	(5 + 9) ÷ 7 = ……………
8	The number that if divided by 5 the result will be 105 is ……………
9	777 ÷ 7 = ……………
10	20 ÷ …………… = 4
11	The number that if divided by 8 the result will be 16 is ……………
12	$6\overline{)2\,406}$ (quotient: ……………)
13	18 ÷ …………… = 9
14	The number that if divided by 6 the result will be 13 is ……………
15	4008 ÷ 4 = ……………
16	If 4 × 6 = 24 , then 24 ÷ 4 = ……………
17	…………… ÷ 4 = 21

18	36 ÷ 9 = ...
19	848 ÷ 4 = ...
20	.... ÷ 3 = 222
21	2⟌8 422 (quotient: ....)

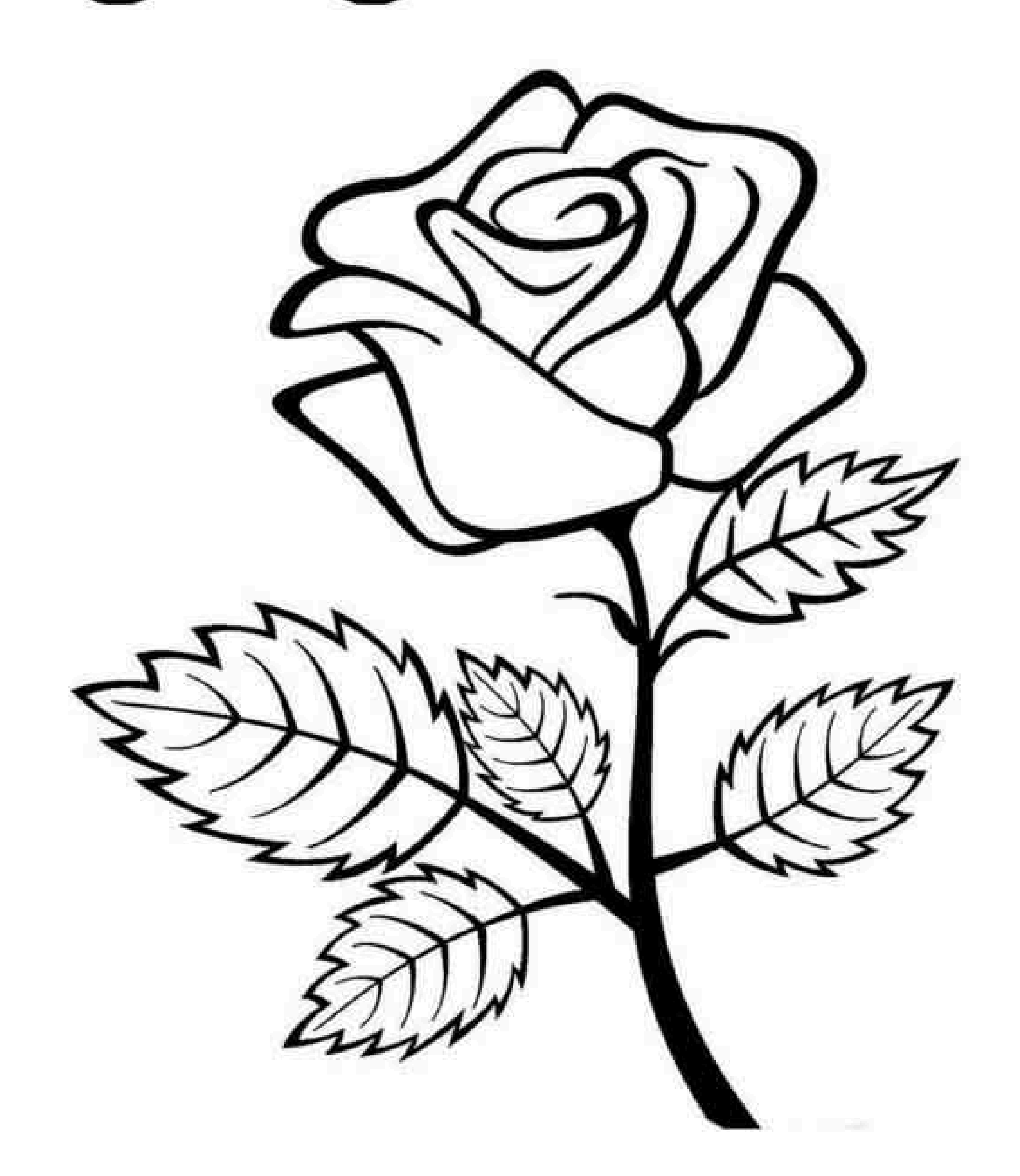
[C] : Essay Problems : -

1	Ahmad distributed 396 pounds among his 3 sons equally. What is the share of each of them ? The share of each son = ... ÷ .... = ... pounds.
2	A father distributed 630 pounds equally among his 3 sons. What is the share of each son ? The share of each son = ... = ... pounds.
3	A man distributed 690 pounds equally among his 3 children. What the share of a child ? The share of each one = ... ÷ .... = ... pounds.
4	A man distributed 842 pounds between his 2 sons equally. What is the share of each of them ? The share of each of them = ... ÷ .... = ... pounds.
5	A man distributed 930 pounds between his three sons equally. What is the share of each of them ? The share of each son = ... ÷ .... = ... pounds.
6	A man distributed 963 pounds among his 3 sons equally. What is the share of each of them ? The share of each one = ... ÷ .... = L.E. ....

Primary [3]

Math - Second Term

Unit [2] - Part [1]



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Primary [3] – Second Term – Unit [2] : Geometry

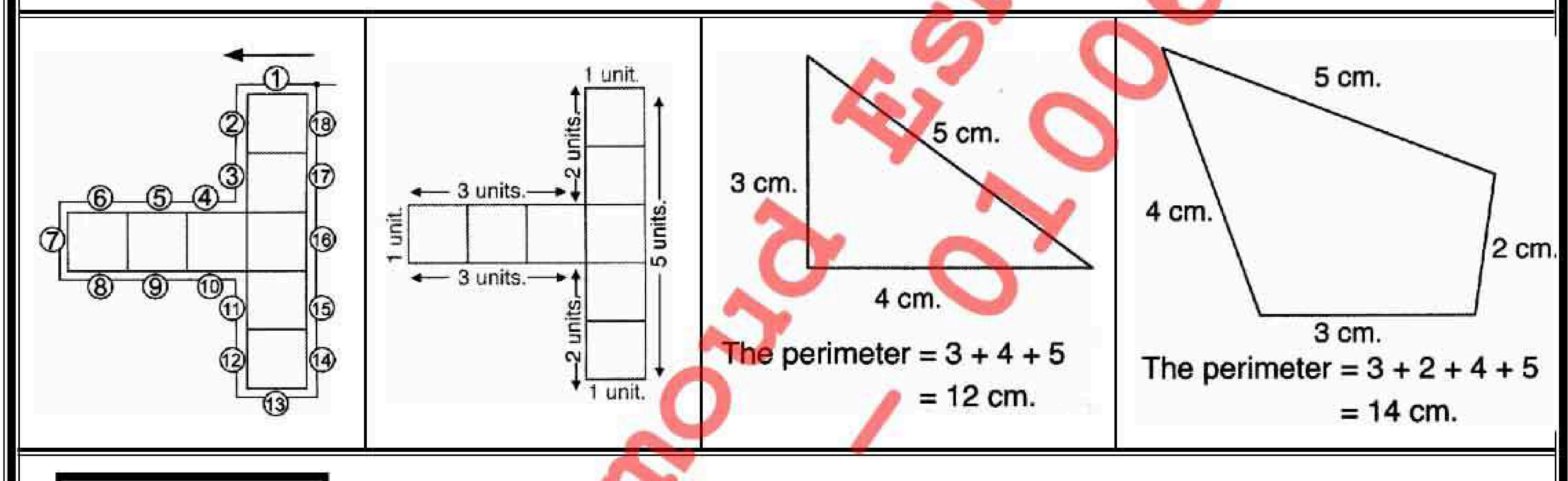
Lesson [1] : The Perimeter

Definition :

The perimeter of any shape is the length of the line that outlines that shape.

Notice That : -

The perimeter of any polygon equals the sum of the lengths of its sides.



Rules :

The square has 4 sides that are equal in length.

The perimeter of the square = the side length × 4

The rectangle has 4 sides. Every two opposite sides are equal in length.

The perimeter of the rectangle = (length + width) × 2

Examples :

1	**The perimeter of triangle of side lengths 5 , 6 , 8 cm is ....** **Solutions** **Perimeter = 5 + 6 + 8 = 19 cm**
2	**The perimeter of triangle of side lengths 3 , 4 , 7 cm is ....**

	Solutions Perimeter = 3 + 4 + 7 = 14 cm
4	The perimeter of a square of side length 2 cm is .... **Solutions** Perimeter = 4 × 2 = 8 cm
5	The perimeter of a square of side length 10 cm is .... **Solutions** Perimeter = 4 × 10 = 40 cm
7	A square of perimeter 20 cm , then its side length = ... **Solutions** Perimeter = 20 ÷ 4 = 5 cm
8	A square of perimeter 32 cm , then its side length = ... **Solutions** Perimeter = 32 ÷ 4 = 8 cm
10	A rectangle its length is 3 cm , its width is 2 cm then its perimeter is .... **Solutions** 3 + 2 = 5 , Perimeter = 5 × 2 = 10 cm
11	A rectangle its length is 7 cm , its width is 3 cm then its perimeter is .... **Solutions** 7 + 3 = 10 , Perimeter = 10 × 2 = 20 cm

Exercises

[A] : Choose The Correct Answer : -

1	The perimeter of a square of side length 5 cm. is .... cm. (20 *or* 10 *or* 9 *or* 30)
2	The perimeter of the opposite figure = ... cm. (triangle: 3 cm., 2 cm., 4 cm.) (9 *or* 24 *or* 10)
3	The perimeter of square whose side length is 1 cm. = ... cm. (1 *or* 4 *or* $\frac{1}{4}$)
4	The perimeter of the triangle whose side lengths are 5 cm. , 7 cm. and 10 cm. = ... cm. (20 *or* 22 *or* 24)
5	The perimeter of the square = side length × .... (2 *or* 3 *or* 4)
6	The perimeter of rectangle which length is 5 cm. and width is 3 cm. = ... (8 *or* 16 *or* 24)
7	The perimeter of a triangle whose side lengths are 8 cm. , 7 cm. and 5 cm. = ... cm. (16 *or* 18 *or* 20)
8	In the opposite figure , ABCD is a square , AB = 4 cm. , DE = 5 cm. , CE = 3 cm. , then the perimeter of the figure ABED = ... cm. (figure labels: D, A, 5cm., 4cm., E, 3cm., C, B) a. 22 b. 20 c. 24
9	The perimeter of rectangle whose length is 3 cm. and width is 2 cm. = ... cm. (5 *or* 10 *or* 6)
10	A triangle of side lengths 5 cm. , 5 cm. and 7 cm. , then its perimeter = ... cm. (7 *or* 17 *or* 27)
11	The perimeter of the figure (labels: 2cm., 1cm., 1cm., 2cm.) = ... cm. (6 *or* 9 *or* 12)
12	The side length of a square its perimeter 20 cm. = ... cm. a. 5 b. 80 c. 10

13	The side lengths of a triangle are equal , each of them equals 5 cm. , then its perimeter = ... cm. (10 *or* 15 *or* 25)
14	The perimeter of the opposite figure = ... a. 10 cm. b. 15 cm. c. 20 cm.
15	The perimeter of the triangle whose side lengths are 5 cm. , 5 cm. and 3 cm. = ... cm. (13 *or* 3 *or* 30)
16	The perimeter of the opposite figure = ... cm. a. 12 b. 18 c. 20
17	The perimeter of the rectangle whose length is 8 cm. and its width is 4 cm. = ... cm. (24 *or* 22 *or* 12)
18	The perimeter of triangle whose side lengths are 3 cm. , 4 cm. and 6 cm. = ... cm. (13 *or* 14 *or* 15)
19	The perimeter of the figure = ... cm. (6 *or* 9 *or* 10)
20	The perimeter of the square whose side length 6 cm. = ... cm. (24 *or* 36 *or* 12)
21	The perimeter of triangle whose sides lengths are 6 cm. , 4 cm. and 3 cm. = ... cm. (13 *or* 14 *or* 15)
22	The perimeter of the square of side length is 3 cm. = ... cm. (12 *or* 14 *or* 16)
23	If the side length of a square is 5 cm. , then its perimeter = ... cm. (16 *or* 32 *or* 20)
24	The triangle of side lengths are 3 cm. , 4 cm. and 5 cm. , then its perimeter = ... cm. (60 *or* 12 *or* 9 *or* 7)
25	A square its side length is 3 cm. , then its perimeter = ... cm. (6 *or* 9 *or* 12)

26	The perimeter of square of side length 5 cm. is .... cm. (25 *or* 20 *or* 10)
27	The perimeter of the shape (triangle: 4 cm., 2 cm., 3 cm.) = ... cm. (9 *or* 10 *or* 24)
28	The perimeter a square = 20 cm. , then its side length = ... cm. (5 *or* 10 *or* 80)
29	The perimeter of the square whose side length is 3 cm. = ... cm. (14 *or* 12 *or* 16)

[B] : Complete the Following : -

1	A triangle its side lengths are 5 cm. , 4 cm. and 3 cm. , then its perimeter = ... cm.
2	The perimeter of the square of side length 9 cm. = ... cm.
3	The perimeter of square whose side length is 5 cm. = ... cm.
4	The perimeter of the square whose side length is 2 cm. = ... cm.
5	An equilateral triangle of side length 4 cm. , then its perimeter = ... cm.
6	The perimeter of the shape (triangle: 4 cm., 2 cm., 3 cm.) = ... cm.
7	The triangle whose side lengths are 5 cm. , 5 cm. and 7 cm. , then its perimeter = ... = ... cm.
8	The perimeter of the figure (rectangle: 3 cm., 2 cm., 2 cm., 3 cm.) = ... cm.
9	The perimeter of triangle whose sides are 3 cm. , 4 cm. and 5 cm. = ... cm.

10	The perimeter of the triangle whose side lengths are 6 cm. , 5 cm. and 4 cm. = ... cm.
11	A triangle whose side lengths are 6 cm. , 4 cm. and 5 cm. , then its perimeter = ... = ... cm.
12	The perimeter of the triangle = ... cm. (5 cm. , 3 cm. , 4 cm.)
13	The perimeter of rectangle with length is 14 cm. and width is 10 cm. is .... cm.

[C] : Essay Problems : -

1	***Find the perimeter of the following figures :*** (1) The perimeter = ... units. (2) (5 cm. , 4 cm. , 3 cm.) The perimeter = ... cm.
2	***Calculate the perimeter of the opposite shape :*** The perimeter = ... cm. (2 cm. , 1 cm. , 1 cm. , 2 cm.)
3	***In the opposite figure :*** ABCD is a square , AB = 4 cm. , DE = 5 cm. , CE = 3 cm. , then the perimeter of the figure ABED = ... = ... cm. (D, A, 5 cm., 4 cm., E, 3 cm., C, B)

4	***From the opposite figure.*** ***Find :*** **[a]** The perimeter of a triange ABC = ... cm. **[b]** The perimeter of whole shape AEDC = ... cm.
5	***In the opposite figure :*** BEDC is a square its side length is 4 cm. , AB = 3 cm. and AE = 5 cm. , then complete : **[a]** The perimeter of square BEDC = ... cm. **[b]** The perimeter of the figure AEDC = ... cm.
6	Calculate the perimeter of a rectangle of length 7 cm. and width 5 cm. The perimeter of the rectangle = ... = ... cm.
7	A rectangle its length is 4 cm. and its width is 3 cm. , then find its perimeter. The perimeter = ... = ... cm.
8	Find the perimeter of a square whose side length is 7 cm. The perimeter of the square = ... × .... = ... cm.
9	***Find the perimeter of the opposite figure :*** The perimeter = ... cm.

Homework

[A] : Choose The Correct Answer :

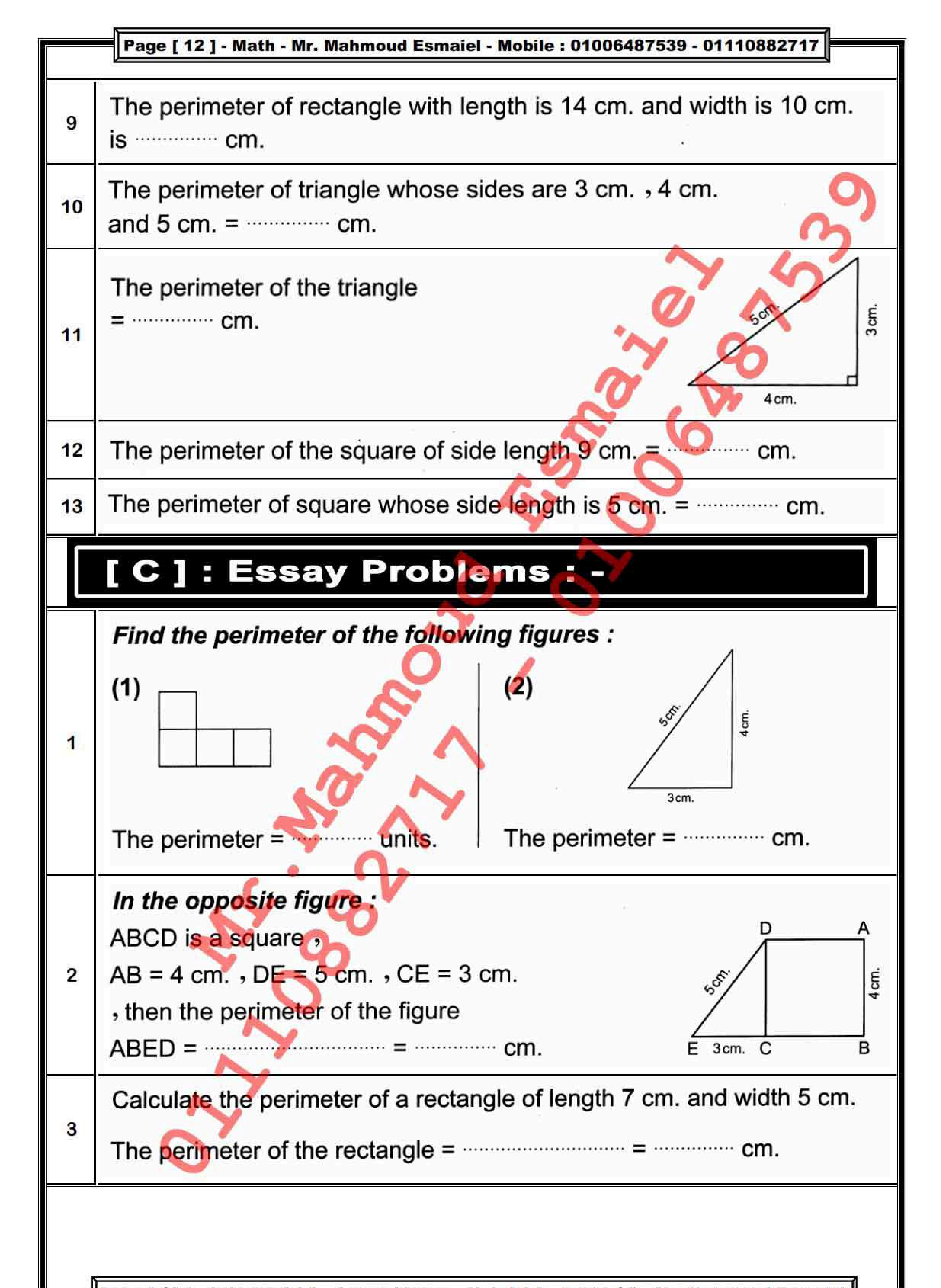
1	The perimeter of a triangle whose side lengths are 8 cm. , 7 cm. and 5 cm. = ... cm. (16 **or** 18 **or** 20)
2	The perimeter of the opposite figure = ... a. 10 cm. b. 15 cm. c. 20 cm.
3	The perimeter of the square whose side length 6 cm. = ... cm. (24 **or** 36 **or** 12)
4	A triangle of side lengths 5 cm. , 5 cm. and 7 cm. , then its perimeter = ... cm. (7 **or** 17 **or** 27)
5	The perimeter of the opposite figure = ... cm. a. 12 b. 18 c. 20
6	If the side length of a square is 5 cm. , then its perimeter = ... cm. (16 **or** 32 **or** 20)
7	The side lengths of a triangle are equal , each of them equals 5 cm. , then its perimeter = ... cm. (10 **or** 15 **or** 25)
8	The perimeter of the figure = ... cm. (6 **or** 9 **or** 10)
9	The perimeter of square of side length 5 cm. is .... cm. (25 **or** 20 **or** 10)
10	The perimeter of the triangle whose side lengths are 5 cm. , 5 cm. and 3 cm. = ... cm. (13 **or** 3 **or** 30)
11	The perimeter of the square of side length is 3 cm. = ... cm. (12 **or** 14 **or** 16)

12	The perimeter of the square whose side length is 3 cm. = ... cm. (14 *or* 12 *or* 16)
13	The perimeter of rectangle which length is 5 cm. and width is 3 cm. = ... (8 *or* 16 *or* 24)
14	The perimeter of triangle whose side lengths are 3 cm. , 4 cm. and 6 cm. = ... cm. (13 *or* 14 *or* 15)
15	A square its side length is 3 cm. , then its perimeter = ... cm. (6 *or* 9 *or* 12)
16	The perimeter of square whose side length is 1 cm. = ... cm. (1 *or* 4 *or* $\frac{1}{4}$)
17	The perimeter of rectangle whose length is 3 cm. and width is 2 cm. = ... cm. (5 *or* 10 *or* 6)
18	The perimeter of triangle whose sides lengths are 6 cm. , 4 cm. and 3 cm. = ... cm. (13 *or* 14 *or* 15)
19	The perimeter of the shape 4 cm. 2 cm. 3 cm. = ... cm. (9 *or* 10 *or* 24)
20	The perimeter of the square = side length × .... (2 *or* 3 *or* 4)
21	The side length of a square its perimeter 20 cm. = ... cm. a. 5 b. 80 c. 10
22	The perimeter of a square of side length 5 cm. is .... cm. (20 *or* 10 *or* 9 *or* 30)
23	The triangle of side lengths are 3 cm. , 4 cm. and 5 cm. , then its perimeter = ... cm. (60 *or* 12 *or* 9 *or* 7)
24	The perimeter of the opposite figure = ... cm. 3 cm. 2 cm. 4 cm. (9 *or* 24 *or* 10)
25	The perimeter a square = 20 cm. , then its side length = ... cm. (5 *or* 10 *or* 80)

26	The perimeter of the triangle whose side lengths are 5 cm. , 7 cm. and 10 cm. = ... cm. (20 *or* 22 *or* 24)
27	The perimeter of the figure [figure: 2 cm., 1 cm., 1 cm., 2 cm.] = ... cm. (6 *or* 9 *or* 12)
28	In the opposite figure , ABCD is a square , AB = 4 cm. , DE = 5 cm. , CE = 3 cm. , then the perimeter of the figure ABED = ... cm. [figure: D, A, 5 cm., 4 cm., E, 3 cm., C, B] a. 22 b. 20 c. 24
29	The perimeter of the rectangle whose length is 8 cm. and its width is 4 cm. = ... cm. (24 *or* 22 *or* 12)

[B] : Complete the Following : -

1	A triangle its side lengths are 5 cm. , 4 cm. and 3 cm. , then its perimeter = ... cm.
2	The perimeter of the square whose side length is 2 cm. = ... cm.
3	An equilateral triangle of side length 4 cm. , then its perimeter = ... cm.
4	The perimeter of the shape [figure: 4 cm., 2 cm., 3 cm.] = ... cm.
5	The triangle whose side lengths are 5 cm. , 5 cm. and 7 cm. , then its perimeter = ... = ... cm.
6	The perimeter of the figure [figure: 3 cm., 2 cm., 2 cm., 3 cm.] = ... cm.
7	The perimeter of the triangle whose side lengths are 6 cm. , 5 cm. and 4 cm. = ... cm.
8	A triangle whose side lengths are 6 cm. , 4 cm. and 5 cm. , then its perimeter = ... = ... cm.



9	The perimeter of rectangle with length is 14 cm. and width is 10 cm. is .... cm.
10	The perimeter of triangle whose sides are 3 cm. , 4 cm. and 5 cm. = ... cm.
11	The perimeter of the triangle = ... cm.
12	The perimeter of the square of side length 9 cm. = ... cm.
13	The perimeter of square whose side length is 5 cm. = ... cm.

[C] : Essay Problems : -

1	***Find the perimeter of the following figures :*** **(1)** The perimeter = ... units. **(2)** The perimeter = ... cm.
2	***In the opposite figure :*** ABCD is a square , AB = 4 cm. , DE = 5 cm. , CE = 3 cm. , then the perimeter of the figure ABED = ... = ... cm.
3	Calculate the perimeter of a rectangle of length 7 cm. and width 5 cm. The perimeter of the rectangle = ... = ... cm.

4	A rectangle its length is 4 cm. and its width is 3 cm. , then find its perimeter. The perimeter = ………………………… = ………… cm.
5	***From the opposite figure.*** ***Find :*** **[a]** The perimeter of a triange ABC = ………… cm. **[b]** The perimeter of whole shape AEDC = ………… cm. (Figure labels: A, B, C, D, E, 5 cm., 3 cm., 4 cm., 4 cm.)
6	***In the opposite figure :*** BEDC is a square its side length is 4 cm. , AB = 3 cm. and AE = 5 cm. , then complete : **[a]** The perimeter of square BEDC = ………… cm. **[b]** The perimeter of the figure AEDC = ………… cm. (Figure labels: A, B, C, D, E, 3 cm., 5 cm., 4 cm.)
7	Find the perimeter of a square whose side length is 7 cm. The perimeter of the square = ………… × ………… = ………… cm.
8	***Find the perimeter of the opposite figure :*** The perimeter = ………… cm. (Figure labels: 3 cm., 2 cm., 2 cm., 3 cm.)
9	***Calculate the perimeter of the opposite shape :*** The perimeter = ………… cm. (Figure labels: 2 cm., 1 cm., 1 cm., 2 cm.)

Primary [3]

Math - Second Term

Unit [2] - Part [2]



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Lesson [2] : The Area

Definition :

The area of a shape is defined by the number of area units inside that shape.

Remark : -

The area of a shape depends on the used unit. If this unit is changed , the area of the shape is changed as well.

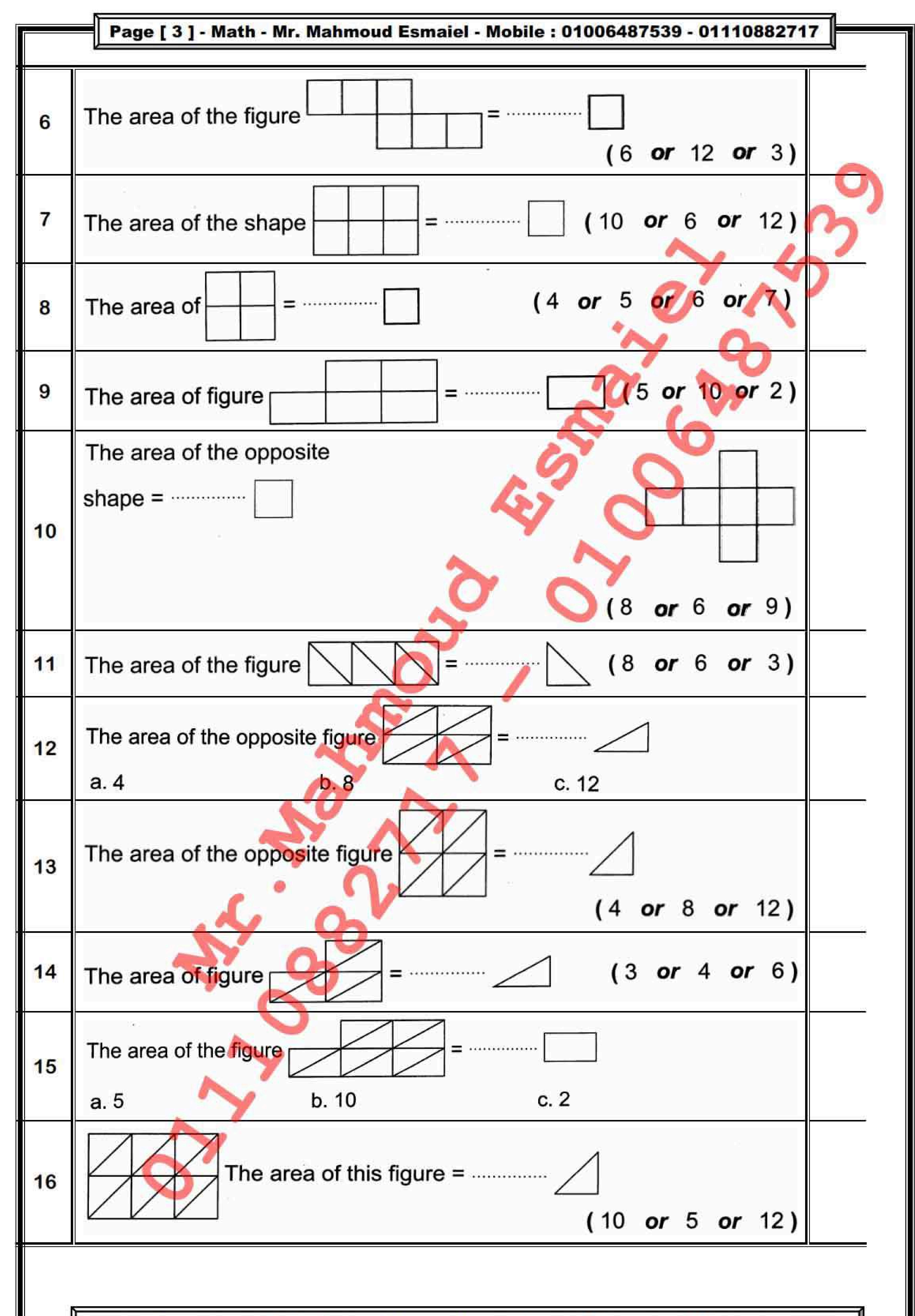
For Example : -

Its area = 6 □ = 12 ◺ = 24 △

Exercises

[A] : Choose The Correct Answer : -

1	The area of the square whose side length is the unity equals .... unit area. (1 **or** 4 **or** 16)
2	A square of perimeter 8 cm. , its area = ... cm^2. (8 **or** 4 **or** 64)
3	The area of the shape equals .... □ (1 **or** 2 **or** 4)
4	*In the opposite figure :* The area = ... ▭ (8 **or** 9 **or** 6)
5	The area of the opposite figure is .... □ (2 **or** 5 **or** 4)



6	The area of the figure = ... □ (6 **or** 12 **or** 3)
7	The area of the shape = ... □ (10 **or** 6 **or** 12)
8	The area of = ... □ (4 **or** 5 **or** 6 **or** 7)
9	The area of figure = ... □ (5 **or** 10 **or** 2)
10	The area of the opposite shape = ... □ (8 **or** 6 **or** 9)
11	The area of the figure = ... ◺ (8 **or** 6 **or** 3)
12	The area of the opposite figure = ... ◺ a. 4 b. 8 c. 12
13	The area of the opposite figure = ... ◺ (4 **or** 8 **or** 12)
14	The area of figure = ... ◺ (3 **or** 4 **or** 6)
15	The area of the figure = ... □ a. 5 b. 10 c. 2
16	The area of this figure = ... ◺ (10 **or** 5 **or** 12)

17	The area of the figure [figure] is .... [triangle] (4 ***or*** 8 ***or*** 10)
18	The perimeter of a square of side length 5 cm. is .... cm. (20 ***or*** 10 ***or*** 9 ***or*** 30)
19	A triangle of side lengths 5 cm. , 5 cm. and 7 cm. , then its perimeter = ... cm. (7 ***or*** 17 ***or*** 27)
20	The perimeter of the square of side length is 3 cm. = ... cm. (12 ***or*** 14 ***or*** 16)
21	The perimeter of the square = side length × .... (2 ***or*** 3 ***or*** 4)
22	The perimeter of the rectangle whose length is 8 cm. and its width is 4 cm. = ... cm. (24 ***or*** 22 ***or*** 12)
23	The side lengths of a triangle are equal , each of them equals 5 cm. , then its perimeter = ... cm. (10 ***or*** 15 ***or*** 25)
24	A square its side length is 3 cm. , then its perimeter = ... cm. (6 ***or*** 9 ***or*** 12)
25	In the opposite figure , ABCD is a square , AB = 4 cm. , DE = 5 cm. , CE = 3 cm. , then the perimeter of the figure ABED = ... cm. [figure: D, A, 5 cm., 4 cm., E, 3 cm., C, B] a. 22 b. 20 c. 24
26	The perimeter of the square whose side length 6 cm. = ... cm. (24 ***or*** 36 ***or*** 12)
27	The perimeter of the triangle whose side lengths are 5 cm. , 5 cm. and 3 cm. = ... cm. (13 ***or*** 3 ***or*** 30)
28	The perimeter of the shape [figure: 4 cm., 2 cm., 3 cm.] = ... cm. (9 ***or*** 10 ***or*** 24)
29	The perimeter of the figure [figure: 2 cm., 1 cm., 1 cm., 2 cm.] = ... cm. (6 ***or*** 9 ***or*** 12)

30	If the side length of a square is 5 cm. , then its perimeter = ... cm. (16 *or* 32 *or* 20)
31	The perimeter of rectangle which length is 5 cm. and width is 3 cm. = ... (8 *or* 16 *or* 24)
32	The perimeter of triangle whose side lengths are 3 cm. , 4 cm. and 6 cm. = ... cm. (13 *or* 14 *or* 15)
33	The perimeter of the opposite figure = ... cm. (3 cm., 2 cm., 4 cm.) (9 *or* 24 *or* 10)
34	The perimeter of the opposite figure = ... (5 cm., 1 cm., 2 cm., 1 cm., 1 cm., 2 cm., 3 cm., 5 cm.) a. 10 cm. b. 15 cm. c. 20 cm.
35	The perimeter of square of side length 5 cm. is .... cm. (25 *or* 20 *or* 10)
36	The perimeter of rectangle whose length is 3 cm. and width is 2 cm. = ... cm. (5 *or* 10 *or* 6)
37	The perimeter of triangle whose sides lengths are 6 cm. , 4 cm. and 3 cm. = ... cm. (13 *or* 14 *or* 15)
38	The perimeter of the triangle whose side lengths are 5 cm. , 7 cm. and 10 cm. = ... cm. (20 *or* 22 *or* 24)
39	The perimeter of the opposite figure = ... cm. (2 cm., 2 cm., 1 cm., 1 cm., 2 cm., 2 cm., 2 cm.) a. 12 b. 18 c. 20
40	The perimeter of the square whose side length is 3 cm. = ... cm. (14 *or* 12 *or* 16)
41	The side length of a square its perimeter 20 cm. = ... cm. a. 5 b. 80 c. 10

42	The triangle of side lengths are 3 cm. , 4 cm. and 5 cm. , then its perimeter = ... cm. (60 **or** 12 **or** 9 **or** 7)
43	The perimeter of a triangle whose side lengths are 8 cm. , 7 cm. and 5 cm. = ... cm. (16 **or** 18 **or** 20)
44	The perimeter of the figure (rectangle 3 cm. × 2 cm.) = ... cm. (6 **or** 9 **or** 10)
45	The perimeter of square whose side length is 1 cm. = ... cm. (1 **or** 4 **or** $\frac{1}{4}$)
46	The perimeter a square = 20 cm. , then its side length = ... cm. (5 **or** 10 **or** 80)

[B] : Complete the Following : -

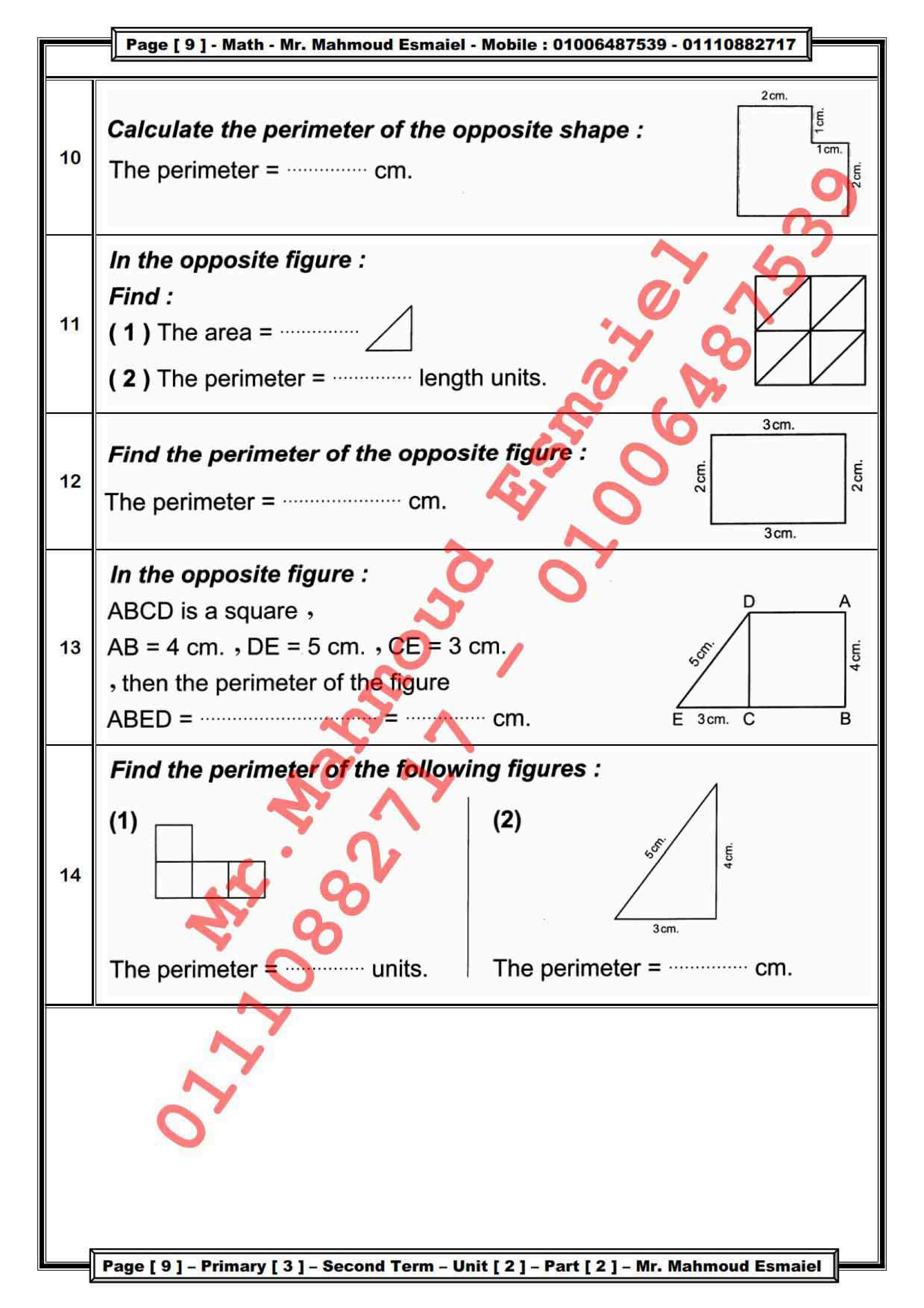
1	The area of the shape (grid of 6 squares) = ... ☐
2	A triangle whose side lengths are 6 cm. , 4 cm. and 5 cm. , then its perimeter = ... = ... cm.
3	The perimeter of square whose side length is 5 cm. = ... cm.
4	The perimeter of triangle whose sides are 3 cm. , 4 cm. and 5 cm. = ... cm.
5	The perimeter of the square whose side length is 2 cm. = ... cm.
6	A triangle its side lengths are 5 cm. , 4 cm. and 3 cm. , then its perimeter = ... cm.
7	An equilateral triangle of side length 4 cm. , then its perimeter = ... cm.
8	The perimeter of the figure (rectangle 3 cm. × 2 cm.) = ... cm.

9	The area of the opposite figure = ... △
10	The perimeter of the shape (4 cm., 2 cm., 3 cm.) = ... cm.
11	The perimeter of the triangle = ... cm. (5 cm., 3 cm., 4 cm.)
12	The area of the shape ☐☐☐ is .... ☐
13	The triangle whose side lengths are 5 cm. , 5 cm. and 7 cm. , then its perimeter = ... = ... cm.
14	The perimeter of rectangle with length is 14 cm. and width is 10 cm. is .... cm.
15	The perimeter of the triangle whose side lengths are 6 cm. , 5 cm. and 4 cm. = ... cm.
16	The perimeter of the square of side length 9 cm. = ... cm.

[C] : Essay Problems : -

1	***In the opposite figure :*** ABCD is a rectangle , then find : **[a]** The perimeter of the rectangle ABCD = ... units. **[b]** The area of the rectangle ABCD = ... ☐ (grid: D, A, C, B)

2	***In the opposite figure :*** BEDC is a square its side length is 4 cm. , AB = 3 cm. and AE = 5 cm. , then complete : **[a]** The perimeter of square BEDC = ... cm. **[b]** The perimeter of the figure AEDC = ... cm. A, B, C, D, E, 3cm., 5cm., 4cm.
3	Look at the opposite figure , then calculate its area and its perimeter : **[a]** The area = ... ☐ **[b]** The perimeter = ... units.
4	The area of the figure = ... ☐
5	Calculate the perimeter of a rectangle of length 7 cm. and width 5 cm. The perimeter of the rectangle = ... = ... cm.
6	***From the opposite figure , complete :*** **[a]** The perimeter of the figure = ... units. **[b]** The area of the figure = ... ☐
7	A rectangle its length is 4 cm. and its width is 3 cm. , then find its perimeter. The perimeter = ... = ... cm.
8	***From the opposite figure (consider the area of the small square as a unit) , find :*** **[a]** The area of the square = ... ☐ **[b]** The perimeter of the square = ... units.
9	Find the perimeter of a square whose side length is 7 cm. The perimeter of the square = ... × .... = ... cm.



10	***Calculate the perimeter of the opposite shape :*** The perimeter = ... cm.
11	***In the opposite figure :*** ***Find :*** **(1)** The area = ... **(2)** The perimeter = ... length units.
12	***Find the perimeter of the opposite figure :*** The perimeter = ... cm.
13	***In the opposite figure :*** ABCD is a square , AB = 4 cm. , DE = 5 cm. , CE = 3 cm. , then the perimeter of the figure ABED = ... = ... cm.
14	***Find the perimeter of the following figures :*** **(1)** The perimeter = ... units. **(2)** The perimeter = ... cm.

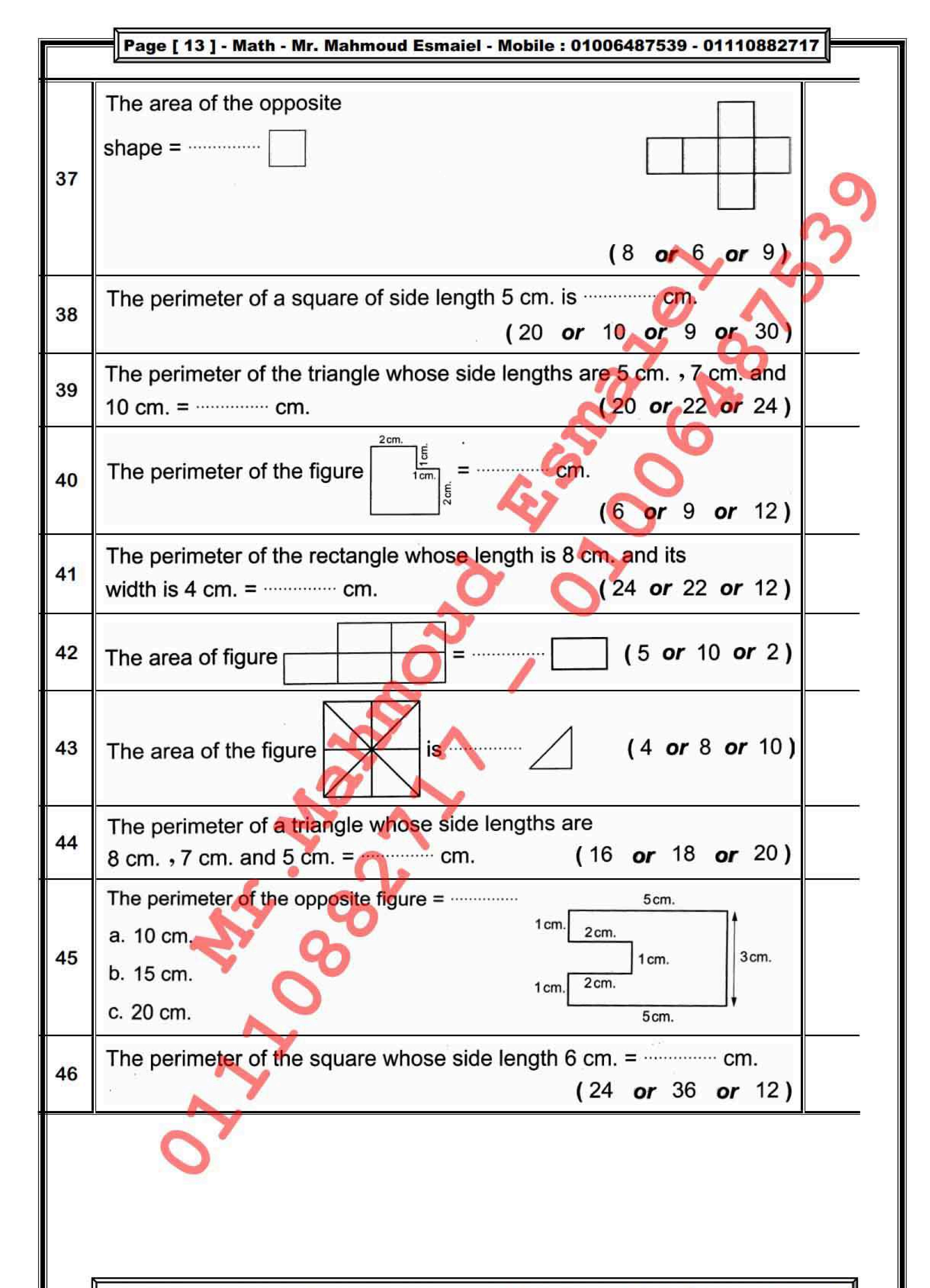
Homework

[A] : Choose The Correct Answer : -

1	The area of the square whose side length is the unity equals .... unit area. (1 or 4 or 16)
2	The area of [figure] = ... [square] (4 or 5 or 6 or 7)
3	[figure] The area of this figure = ... [triangle] (10 or 5 or 12)
4	A triangle of side lengths 5 cm. , 5 cm. and 7 cm. , then its perimeter = ... cm. (7 or 17 or 27)
5	The perimeter of the opposite figure = ... cm. a. 12 b. 18 c. 20 2 cm. 2 cm. 1 cm. 1 cm. 2 cm. 2 cm. 2 cm.
6	If the side length of a square is 5 cm. , then its perimeter = ... cm. (16 or 32 or 20)
7	The area of the shape [figure] = ... [square] (10 or 6 or 12)
8	The area of the figure [figure] = ... [rectangle] a. 5 b. 10 c. 2
9	The side lengths of a triangle are equal , each of them equals 5 cm. , then its perimeter = ... cm. (10 or 15 or 25)
10	The perimeter of the figure [3 cm. × 2 cm. rectangle] = ... cm. (6 or 9 or 10)

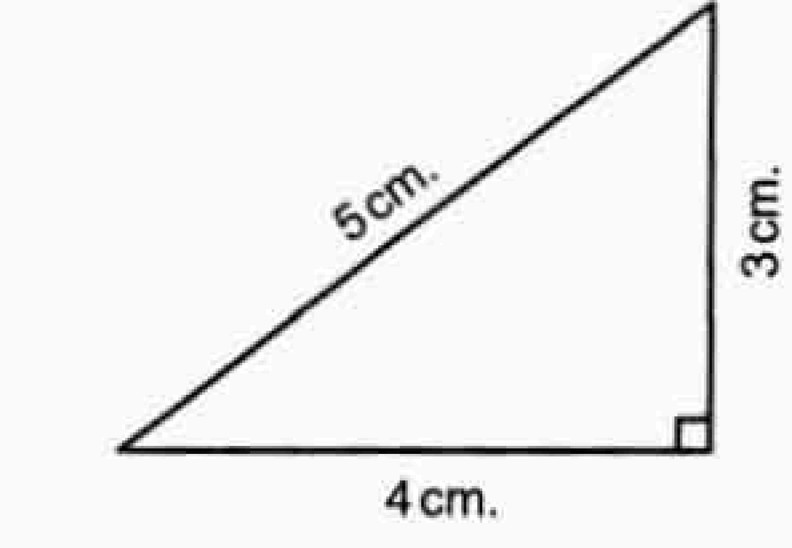
11	The perimeter of square of side length 5 cm. is .... cm. (25 *or* 20 *or* 10)
12	The area of the figure = ... (6 *or* 12 *or* 3)
13	The area of figure = ... (3 *or* 4 *or* 6)
14	The perimeter of the triangle whose side lengths are 5 cm. , 5 cm. and 3 cm. = ... cm. (13 *or* 3 *or* 30)
15	The perimeter of the square of side length is 3 cm. = ... cm. (12 *or* 14 *or* 16)
16	The perimeter of the square whose side length is 3 cm. = ... cm. (14 *or* 12 *or* 16)
17	The perimeter of rectangle which length is 5 cm. and width is 3 cm. = ... (8 *or* 16 *or* 24)
18	The area of the opposite figure is .... (2 *or* 5 *or* 4)
19	The area of the opposite figure = ... (4 *or* 8 *or* 12)
20	The perimeter of triangle whose side lengths are 3 cm. , 4 cm. and 6 cm. = ... cm. (13 *or* 14 *or* 15)
21	A square its side length is 3 cm. , then its perimeter = ... cm. (6 *or* 9 *or* 12)
22	The perimeter of square whose side length is 1 cm. = ... cm. (1 *or* 4 *or* $\frac{1}{4}$)
23	The perimeter of rectangle whose length is 3 cm. and width is 2 cm. = ... cm. (5 *or* 10 *or* 6)

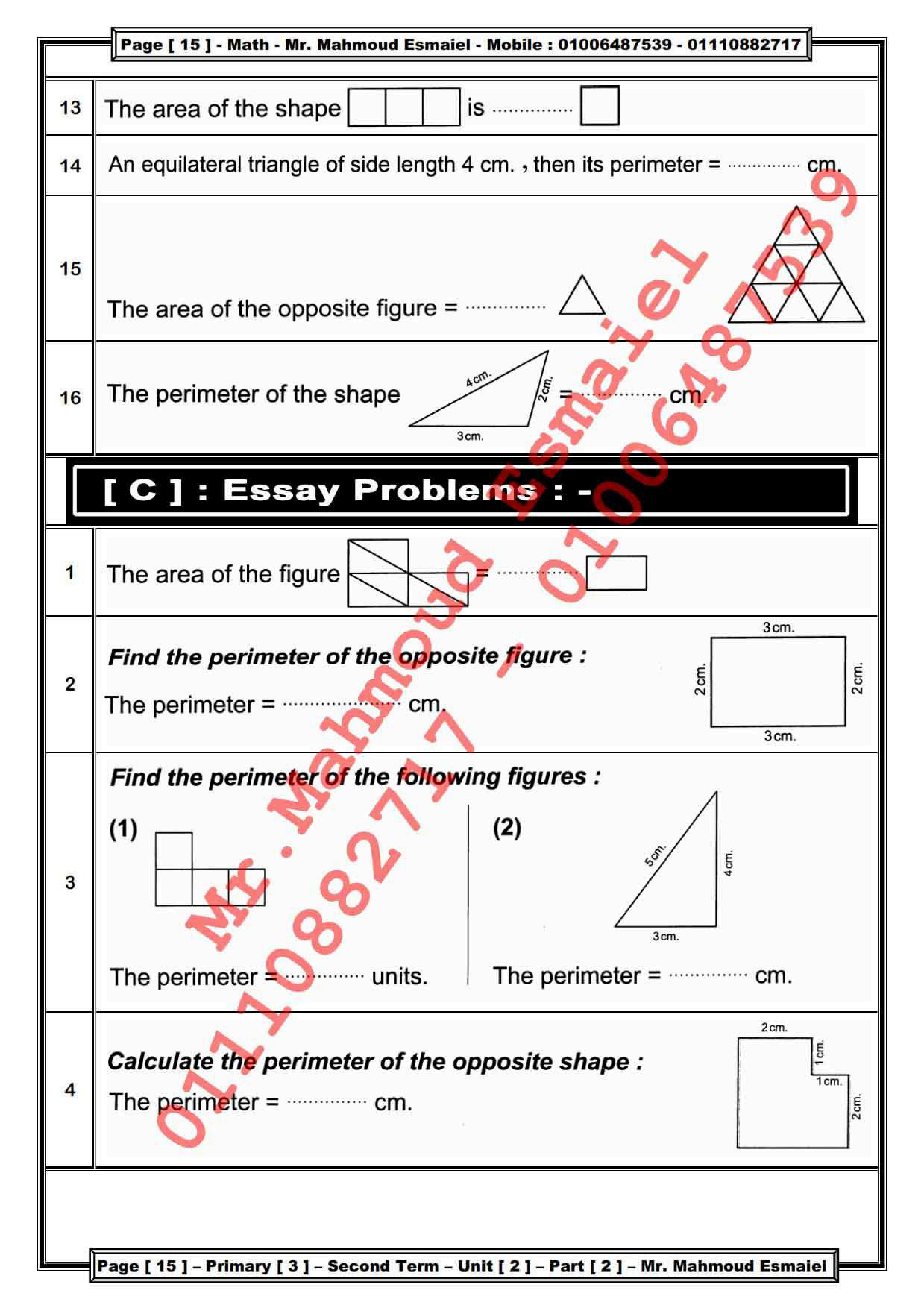
24	***In the opposite figure :*** The area = ... ☐ (8 ***or*** 9 ***or*** 6)
25	The area of the opposite figure = ... (triangle) a. 4 b. 8 c. 12
26	The perimeter of triangle whose sides lengths are 6 cm. , 4 cm. and 3 cm. = ... cm. (13 ***or*** 14 ***or*** 15)
27	The perimeter of the shape (4 cm., 2 cm., 3 cm.) = ... cm. (9 ***or*** 10 ***or*** 24)
28	The perimeter of the square = side length × .... (2 ***or*** 3 ***or*** 4)
29	The side length of a square its perimeter 20 cm. = ... cm. a. 5 b. 80 c. 10
30	The area of the shape equals .... ☐ (1 ***or*** 2 ***or*** 4)
31	The area of the figure = ... (triangle) (8 ***or*** 6 ***or*** 3)
32	The triangle of side lengths are 3 cm. , 4 cm. and 5 cm. , then its perimeter = ... cm. (60 ***or*** 12 ***or*** 9 ***or*** 7)
33	The perimeter of the opposite figure = ... cm. (3 cm., 2 cm., 4 cm.) (9 ***or*** 24 ***or*** 10)
34	In the opposite figure , ABCD is a square , AB = 4 cm. , DE = 5 cm. , CE = 3 cm. , then the perimeter of the figure ABED = ... cm. a. 22 b. 20 c. 24
35	The perimeter a square = 20 cm. , then its side length = ... cm. (5 ***or*** 10 ***or*** 80)
36	A square of perimeter 8 cm. , its area = ... cm^2. (8 ***or*** 4 ***or*** 64)



37	The area of the opposite shape = ... ☐ (8 *or* 6 *or* 9)
38	The perimeter of a square of side length 5 cm. is .... cm. (20 *or* 10 *or* 9 *or* 30)
39	The perimeter of the triangle whose side lengths are 5 cm. , 7 cm. and 10 cm. = ... cm. (20 *or* 22 *or* 24)
40	The perimeter of the figure (2 cm., 1 cm., 1 cm., 2 cm.) = ... cm. (6 *or* 9 *or* 12)
41	The perimeter of the rectangle whose length is 8 cm. and its width is 4 cm. = ... cm. (24 *or* 22 *or* 12)
42	The area of figure = ... ☐ (5 *or* 10 *or* 2)
43	The area of the figure is .... ◺ (4 *or* 8 *or* 10)
44	The perimeter of a triangle whose side lengths are 8 cm. , 7 cm. and 5 cm. = ... cm. (16 *or* 18 *or* 20)
45	The perimeter of the opposite figure = ... a. 10 cm. b. 15 cm. c. 20 cm. (5 cm., 1 cm., 2 cm., 1 cm., 3 cm., 1 cm., 2 cm., 5 cm.)
46	The perimeter of the square whose side length 6 cm. = ... cm. (24 *or* 36 *or* 12)

[B] : Complete the Following : -

1	The area of the shape = ………… □
2	The triangle whose side lengths are 5 cm. , 5 cm. and 7 cm. , then its perimeter = ………………………… = ………… cm.
3	The perimeter of the figure (3 cm., 2 cm., 3 cm., 2 cm.) = ………… cm.
4	The perimeter of the triangle whose side lengths are 6 cm. , 5 cm. and 4 cm. = ………… cm.
5	The perimeter of the triangle = ………… cm. 
6	A triangle whose side lengths are 6 cm. , 4 cm. and 5 cm. , then its perimeter = ………………………… = ………… cm.
7	The perimeter of rectangle with length is 14 cm. and width is 10 cm. is ………… cm.
8	The perimeter of triangle whose sides are 3 cm. , 4 cm. and 5 cm. = ………… cm.
9	The perimeter of the square of side length 9 cm. = ………… cm.
10	A triangle its side lengths are 5 cm. , 4 cm. and 3 cm. , then its perimeter = ………… cm.
11	The perimeter of square whose side length is 5 cm. = ………… cm.
12	The perimeter of the square whose side length is 2 cm. = ………… cm.



13	The area of the shape is ....
14	An equilateral triangle of side length 4 cm. , then its perimeter = ... cm.
15	The area of the opposite figure = ...
16	The perimeter of the shape (4 cm., 2 cm., 3 cm.) = ... cm.

[C] : Essay Problems : -

1	The area of the figure = ...
2	***Find the perimeter of the opposite figure :*** The perimeter = ... cm. (3 cm., 2 cm., 2 cm., 3 cm.)
3	***Find the perimeter of the following figures :*** (1) The perimeter = ... units. (2) (5 cm., 4 cm., 3 cm.) The perimeter = ... cm.
4	***Calculate the perimeter of the opposite shape :*** The perimeter = ... cm. (2 cm., 1 cm., 1 cm., 2 cm.)

5

In the opposite figure :

ABCD is a rectangle , then find :

[a] The perimeter of the rectangle ABCD = ………… units.

[b] The area of the rectangle ABCD = ……………… ☐

6

In the opposite figure :

ABCD is a square ,

AB = 4 cm. , DE = 5 cm. , CE = 3 cm.

, then the perimeter of the figure

ABED = …………………………… = ………… cm.

7

Look at the opposite figure , then calculate its area and its perimeter :

[a] The area = ………… ☐

[b] The perimeter = ………… units.

8

From the opposite figure.

Find :

[a] The perimeter of a triange ABC = ………… cm.

[b] The perimeter of whole shape AEDC = ………… cm.

9

From the opposite figure , complete :

[a] The perimeter of the figure = ………… units.

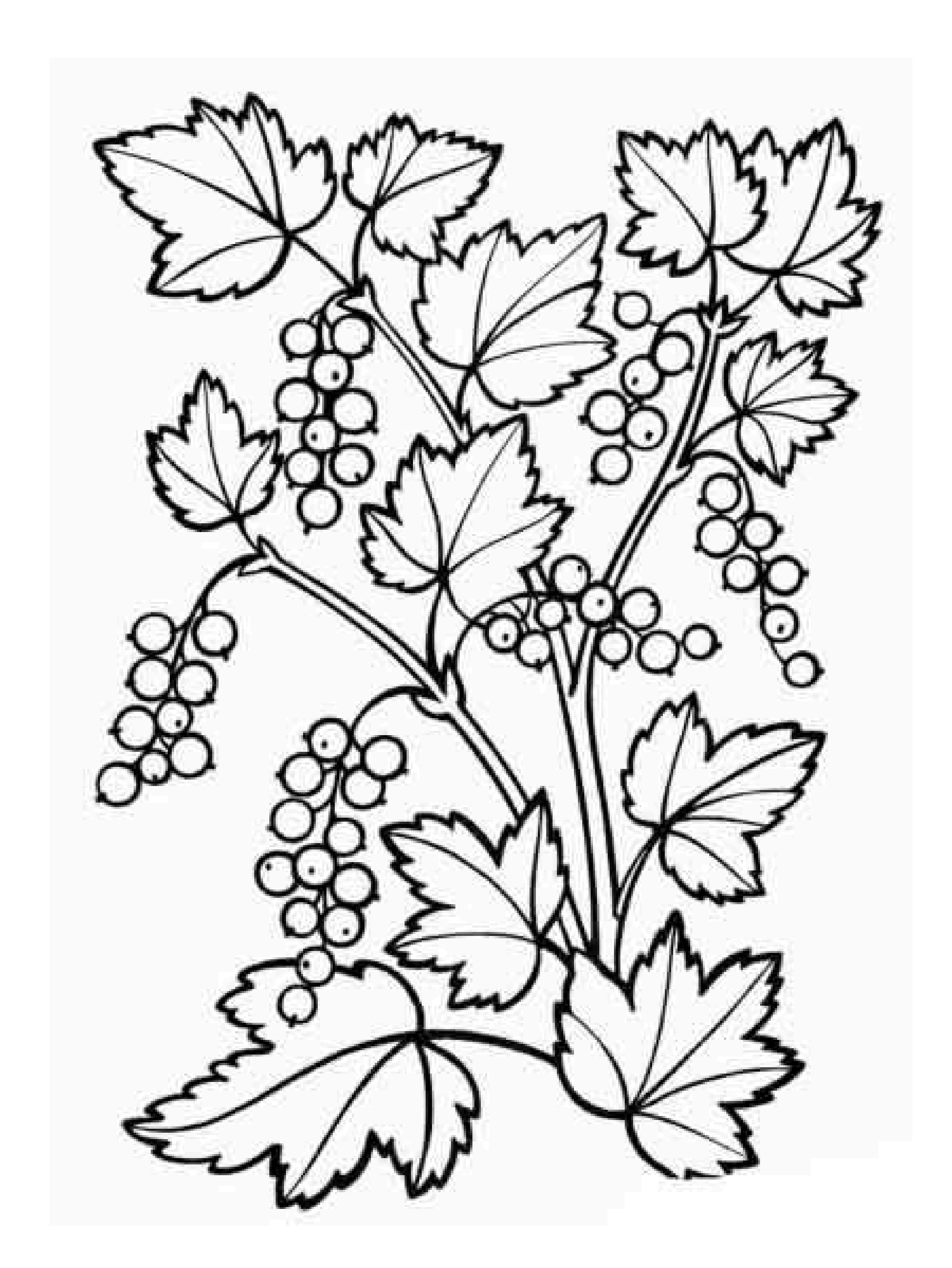
[b] The area of the figure = ………… ☐

10	***In the opposite figure :*** BEDC is a square its side length is 4 cm. , AB = 3 cm. and AE = 5 cm. , then complete : **[a]** The perimeter of square BEDC = ... cm. **[b]** The perimeter of the figure AEDC = ... cm.
11	***From the opposite figure (consider the area of the small square as a unit) , find :*** **[a]** The area of the square = ... □ **[b]** The perimeter of the square = ... units.
12	Calculate the perimeter of a rectangle of length 7 cm. and width 5 cm. The perimeter of the rectangle = ... = ... cm.
13	***In the opposite figure :*** ***Find :*** **(1)** The area = ... **(2)** The perimeter = ... length units.
14	A rectangle its length is 4 cm. and its width is 3 cm. , then find its perimeter. The perimeter = ... = ... cm.
15	Find the perimeter of a square whose side length is 7 cm. The perimeter of the square = ... × .... = ... cm.

Primary [3]

Math - Second Term

Unit [3] - Part [1]



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Primary [3] – Second Term – Unit [3] : Fractions

Definition :

$\frac{3}{4}$ is called fraction and 3 is called numerator and 4 is clled denominator

Writing fractions

A fraction is made up of two numbers :

- The numerator (Top number) :
  It gives the number of equal parts being considered.



- The denominator (Bottom number) :
  It gives the total number of equal parts.

Remark [1]

$\frac{1}{2}$: half	$\frac{1}{3}$: third	$\frac{1}{4}$: quarter or fourth	$\frac{1}{5}$: fifth
$\frac{1}{7}$: seventh	$\frac{1}{10}$: tenth	$\frac{3}{4}$: three fourths	$\frac{3}{5}$: three Fifths
$\frac{2}{5}$: two Fifths	$\frac{4}{7}$: four sevenths	$\frac{5}{9}$: five ninths	$\frac{7}{8}$: seven eighths

Remark [2]

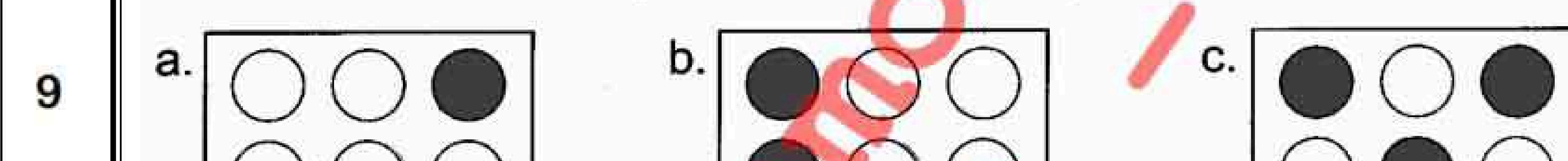
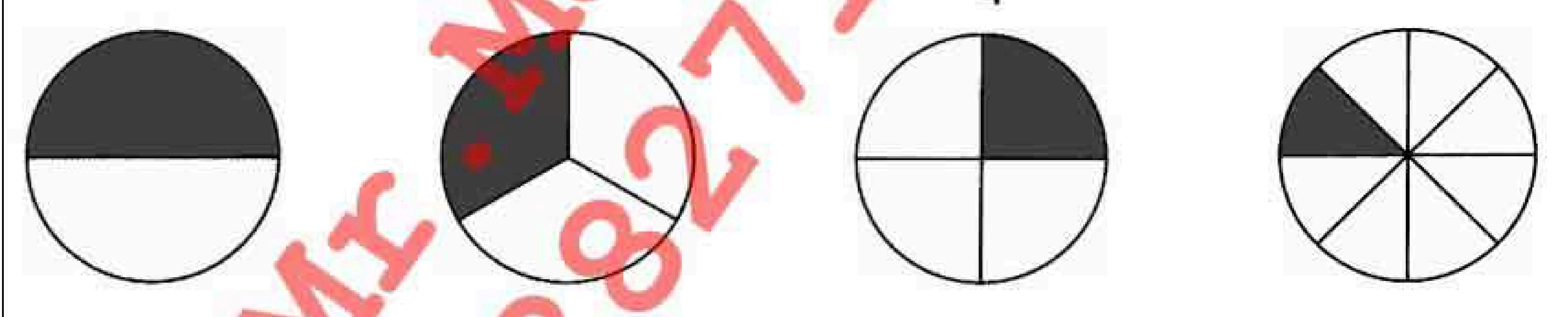
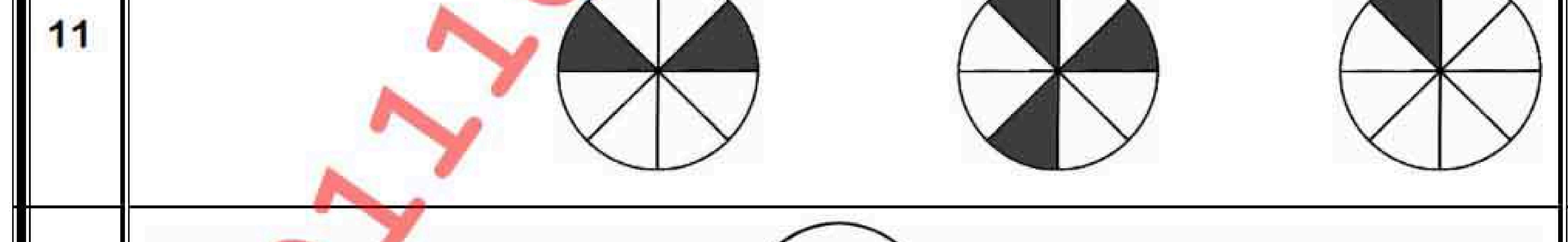
$1 = \frac{2}{2} = \frac{3}{3} = \frac{4}{4} = \frac{5}{5} = \frac{7}{7}$ . . . . . . etc

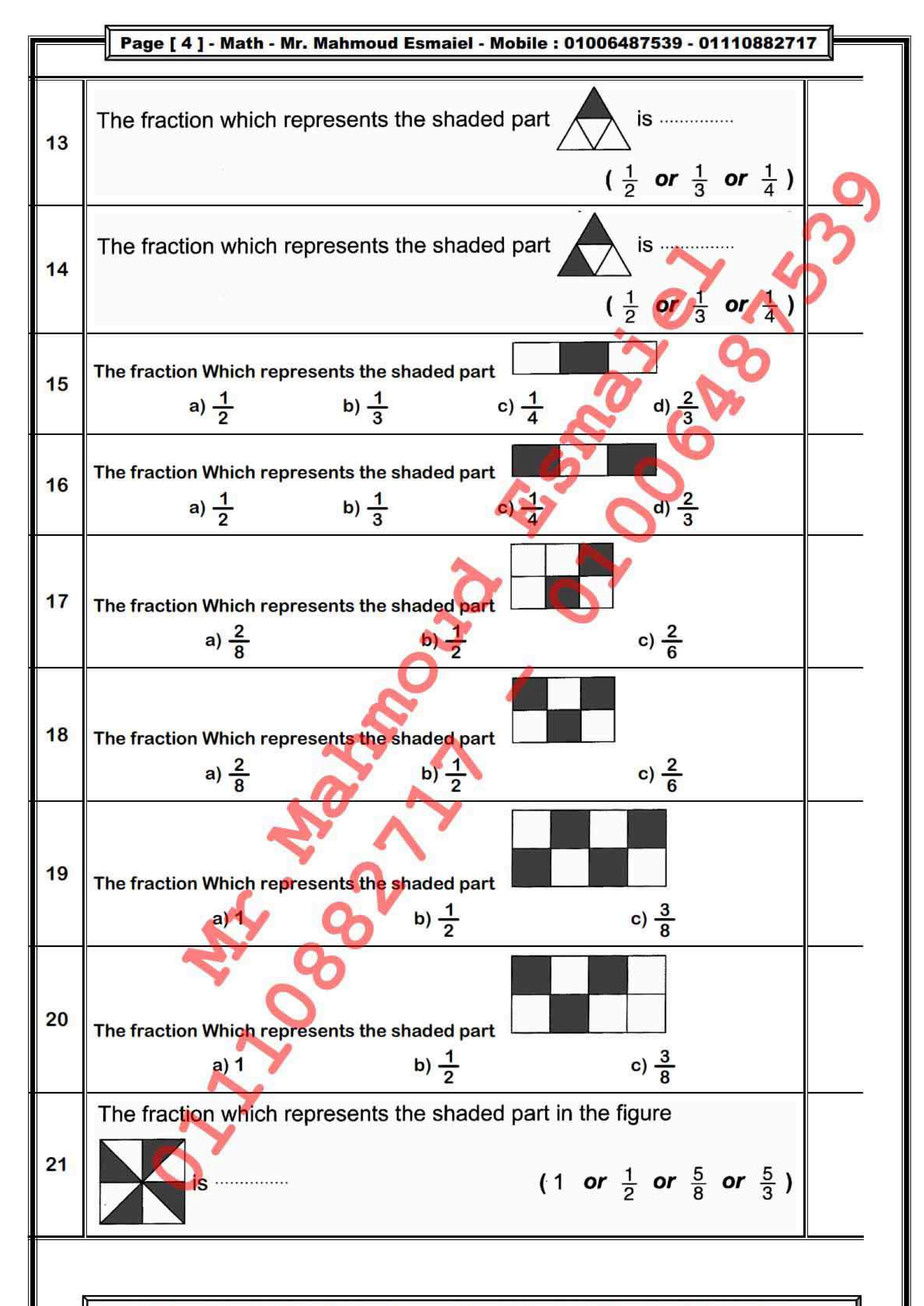
Lesson [1] : The Meaning and Reading of Fractions

$\frac{1}{2} = \frac{2\times1}{2\times2} = \frac{2}{4}$	$\frac{2}{3} = \frac{5\times2}{5\times3} = \frac{10}{15}$	$\frac{3}{4} = \frac{3\times7}{4\times7} = \frac{21}{28}$
$\frac{4}{6} = \frac{2\times2}{2\times3} = \frac{2}{3}$	$\frac{6}{9} = \frac{2\times3}{3\times3} = \frac{2}{3}$	$\frac{6}{18} = \frac{6\times1}{6\times3} = \frac{1}{3}$
$\frac{15}{25} = \frac{5\times3}{5\times5} = \frac{3}{5}$	$\frac{8}{10} = \frac{2\times4}{2\times5} = \frac{4}{5}$	$\frac{24}{32} = \frac{8\times3}{8\times4} = \frac{3}{4}$

Exercises

[A] : Choose The Correct Answer : -

1	There are .... halves in a whole one.	(2 **or** 3 **or** 4)
2	The denominator of fraction $\frac{7}{9}$ is	(7 **or** 9 **or** 1)
3	Two thirds = ...	($\frac{3}{2}$ **or** 23 **or** $\frac{2}{3}$ **or** $2\frac{1}{3}$)
4	Three fifths = ...	($\frac{3}{5}$ **or** $\frac{5}{3}$ **or** $\frac{2}{5}$)
5	Four fifths = ...	($\frac{3}{5}$ **or** $\frac{5}{4}$ **or** $\frac{6}{7}$ **or** $\frac{4}{5}$)
6	Four sevenths = ...	($\frac{4}{7}$ **or** $\frac{7}{4}$ **or** $\frac{2}{7}$)
7	Five sixths = ...	($\frac{5}{6}$ **or** $\frac{6}{5}$ **or** $\frac{2}{6}$)
8	Five ninths = ...	($\frac{9}{5}$ **or** $\frac{5}{9}$ **or** $\frac{5}{3}$)
9	The coloured circles represent half in the figure .... a. b. c. 	
10	**Which of the following fraaction represent $\frac{1}{4}$** 	
11	**Which of the following fraaction represent $\frac{1}{4}$** 	
12	The fraction for the shaded part is	($\frac{1}{4}$ **or** $\frac{1}{2}$ **or** $\frac{2}{3}$)



13 The fraction which represents the shaded part is ....

($\frac{1}{2}$ or $\frac{1}{3}$ or $\frac{1}{4}$)

14 The fraction which represents the shaded part is ....

($\frac{1}{2}$ or $\frac{1}{3}$ or $\frac{1}{4}$)

15 The fraction Which represents the shaded part

a) $\frac{1}{2}$ b) $\frac{1}{3}$ c) $\frac{1}{4}$ d) $\frac{2}{3}$

16 The fraction Which represents the shaded part

a) $\frac{1}{2}$ b) $\frac{1}{3}$ c) $\frac{1}{4}$ d) $\frac{2}{3}$

17 The fraction Which represents the shaded part

a) $\frac{2}{8}$ b) $\frac{1}{2}$ c) $\frac{2}{6}$

18 The fraction Which represents the shaded part

a) $\frac{2}{8}$ b) $\frac{1}{2}$ c) $\frac{2}{6}$

19 The fraction Which represents the shaded part

a) 1 b) $\frac{1}{2}$ c) $\frac{3}{8}$

20 The fraction Which represents the shaded part

a) 1 b) $\frac{1}{2}$ c) $\frac{3}{8}$

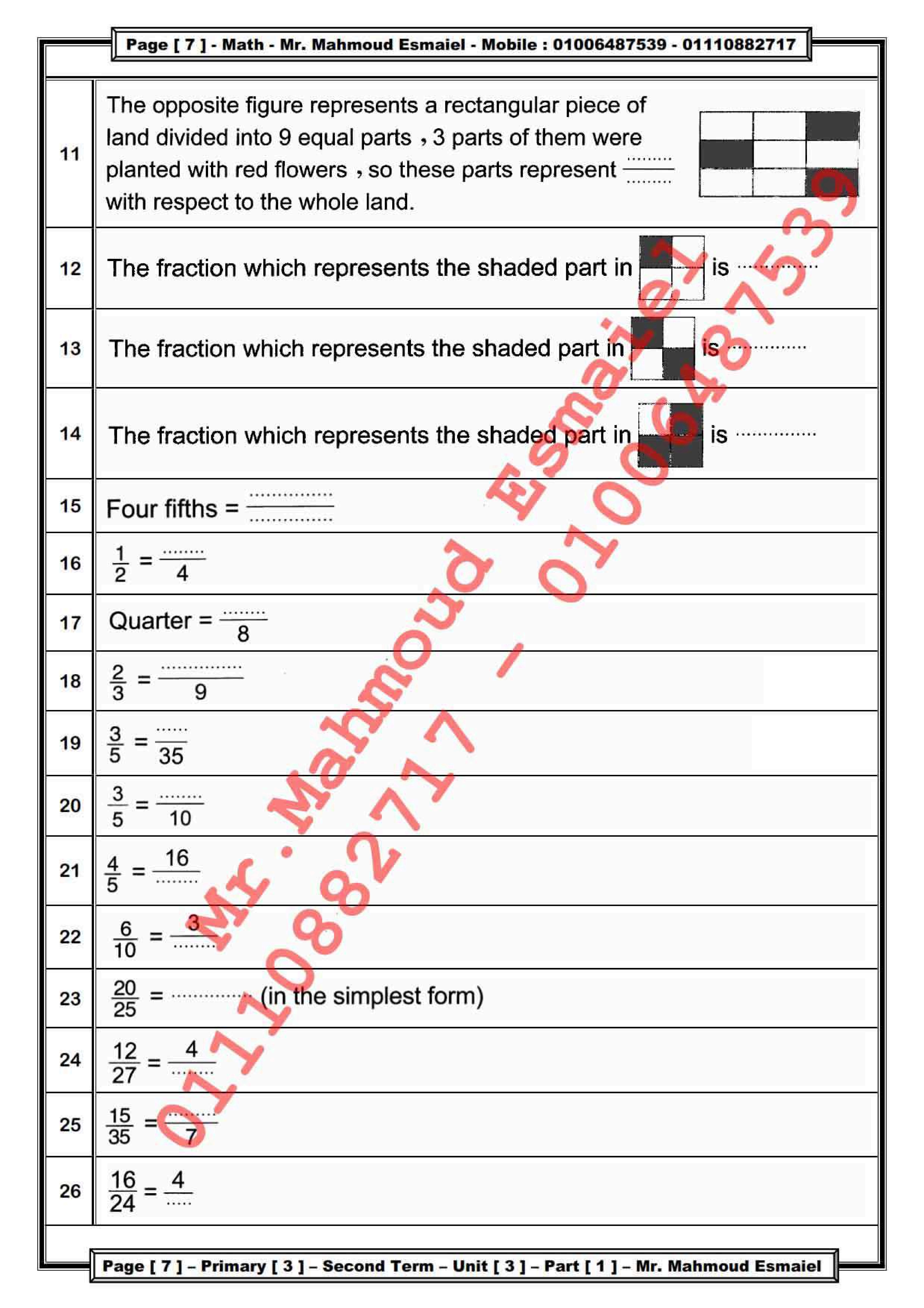
21 The fraction which represents the shaded part in the figure is ....

(1 or $\frac{1}{2}$ or $\frac{5}{8}$ or $\frac{5}{3}$)

22	The fraction which represents the shaded part in the figure is …………… (1 or $\frac{1}{2}$ or $\frac{5}{8}$ or $\frac{5}{3}$)
23	$\frac{16}{24} = \frac{2}{\cdots\cdots}$ (4 or 6 or 3)
24	$\frac{3}{6} = \frac{\cdots\cdots}{2}$ (3 or 4 or 1)
25	$\frac{15}{20} = \frac{3}{\cdots\cdots}$ (3 or 4 or 5)
26	$1 = \frac{5}{\cdots\cdots}$ (1 or 5 or 0)
27	$\frac{15}{25} = \frac{\cdots\cdots}{5}$ (3 or 5 or 7)
28	$\frac{1}{2} = \frac{6}{\cdots\cdots}$ (12 or 18 or 24)
29	$2 = \frac{6}{\cdots\cdots}$ (3 or 6 or 2)
30	$\frac{3}{5} = \frac{12}{\cdots\cdots}$ (24 or 20 or 14)
31	$\frac{3}{5} = \frac{\cdots\cdots}{20}$ (4 or 12 or 6)
32	$\frac{5}{8} = \frac{\cdots\cdots}{24}$ (13 or 14 or 15)
33	$\frac{3}{4} = \frac{\cdots\cdots}{32}$ (24 or 12 or 8)
34	$\frac{7}{10} =$ …………… ($\frac{9}{10} - \frac{1}{10}$ or $\frac{14}{20}$ or $\frac{2}{10} + \frac{3}{10}$ or $\frac{2}{5}$)
35	$\frac{1}{3} =$ …………… ($\frac{7}{10}$ or $\frac{9}{11}$ or $\frac{5}{15}$)
36	Seven tenths = …………………… A) $\frac{7}{8}$ B) $\frac{7}{9}$ C) $\frac{7}{4}$ D) $\frac{7}{10}$
37	$1 = \frac{\cdots\cdots}{3}$ A) 2 B) 3 C) 4 D) 5
38	$1 = \frac{\cdots\cdots}{5}$ A) 2 B) 3 C) 4 D) 5
39	$\frac{3}{3} = \frac{13}{\cdots\cdots}$ A) 11 B) 13 C) 15 D) 36

[B] : Complete the Following : -

1	The fraction which represents the coloured part is ....
2	The fraction which represents the coloured part is ....
3	The fraction which represents the coloured part is ....
4	The fraction which represents the coloured part is ....
5	The fraction which represents the shaded part in the figure is ....
6	The fraction which represents the shaded part in the figure is ....
7	The fraction which represents the shaded part in the figure is ....
8	The fraction which represents the shaded part in the figure is ....
9	The fraction that represents the coloured part is ....
10	The fraction that represents the coloured part is ....



11	The opposite figure represents a rectangular piece of land divided into 9 equal parts , 3 parts of them were planted with red flowers , so these parts represent $\frac{\dots\dots}{\dots\dots}$ with respect to the whole land.
12	The fraction which represents the shaded part in [figure] is ....
13	The fraction which represents the shaded part in [figure] is ....
14	The fraction which represents the shaded part in [figure] is ....
15	Four fifths = $\frac{\dots\dots\dots\dots}{\dots\dots\dots\dots}$
16	$\frac{1}{2} = \frac{\dots\dots}{4}$
17	Quarter = $\frac{\dots\dots}{8}$
18	$\frac{2}{3} = \frac{\dots\dots\dots\dots}{9}$
19	$\frac{3}{5} = \frac{\dots\dots}{35}$
20	$\frac{3}{5} = \frac{\dots\dots}{10}$
21	$\frac{4}{5} = \frac{16}{\dots\dots}$
22	$\frac{6}{10} = \frac{3}{\dots\dots}$
23	$\frac{20}{25} = \dots\dots\dots\dots$ (in the simplest form)
24	$\frac{12}{27} = \frac{4}{\dots\dots}$
25	$\frac{15}{35} = \frac{\dots\dots}{7}$
26	$\frac{16}{24} = \frac{4}{\dots\dots}$

27	$\frac{35}{49} = \frac{5}{\dots\dots\dots}$

[C] : Essay Problems : -

1	Colour the quarter of the opposite flowers.
2	Colour 5 flowers of the opposite figure.
3	Colour according to the fraction :

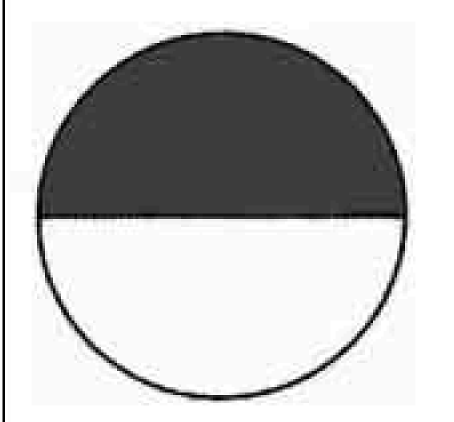
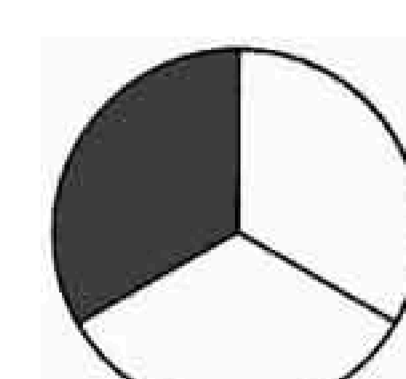
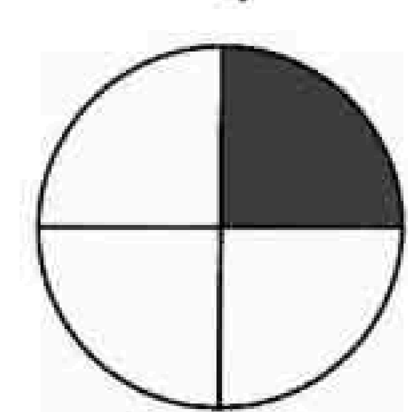
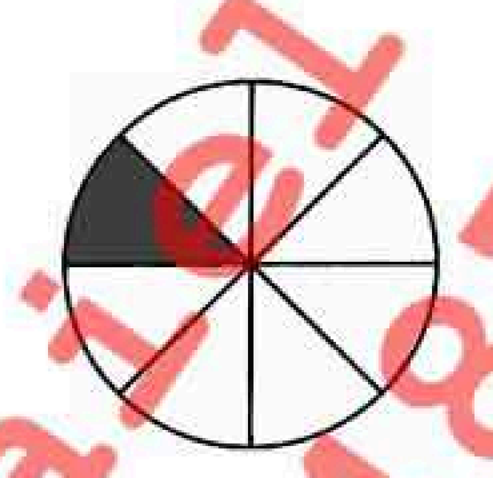
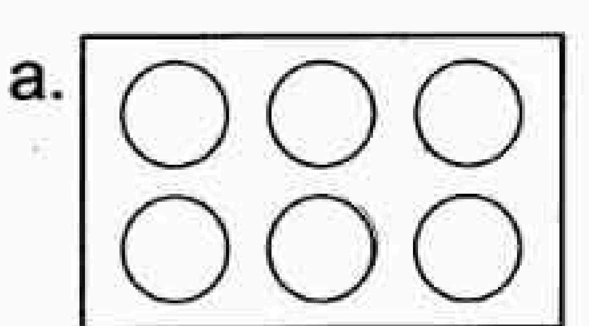
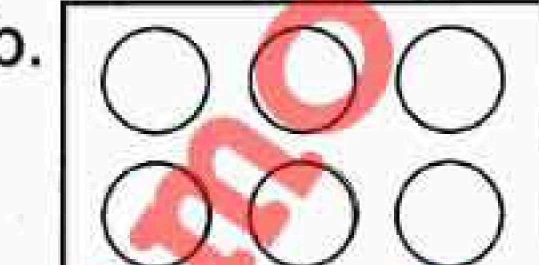
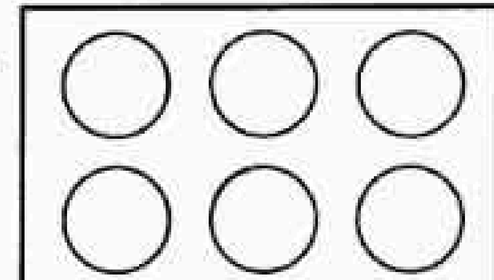
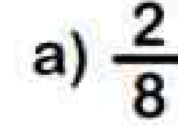
ⓐ $\frac{2}{3}$ ⓑ $\frac{3}{4}$ ⓒ $\frac{3}{5}$ ⓓ $\frac{4}{6}$

ⓔ $\frac{3}{7}$ ⓕ $\frac{5}{8}$ ⓖ $\frac{4}{6}$ ⓗ $\frac{4}{12}$

ⓐ $\frac{1}{2}$ ⓑ $\frac{1}{3}$ ⓒ $\frac{1}{4}$ ⓓ $\frac{1}{5}$

Homework

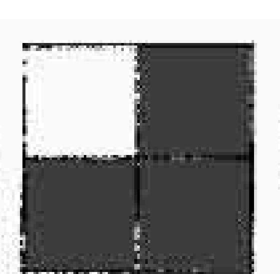
[A] : Choose The Correct Answer : -

1	Which of the following fraaction represent $\frac{1}{4}$    
2	The fraction Which represents the shaded part a) 1 b) $\frac{1}{2}$ c) $\frac{3}{8}$
3	$\frac{3}{5} = \frac{12}{\dots\dots}$ (24 *or* 20 *or* 14)
4	The coloured circles represent half in the figure .... a.  b.  c. 
5	The fraction Which represents the shaded part a) 1  b) $\frac{1}{2}$ c) $\frac{3}{8}$
6	$2 = \frac{6}{\dots\dots}$ (3 *or* 6 *or* 2)
7	$\frac{3}{3} = \frac{13}{\dots\dots}$ A) 11 B) 13 C) 15 D) 36
8	Five ninths = ... ($\frac{9}{5}$ *or* $\frac{5}{9}$ *or* $\frac{5}{3}$)
9	There are .... halves in a whole one. (2 *or* 3 *or* 4)
10	The fraction Which represents the shaded part a) $\frac{2}{8}$  b) $\frac{1}{2}$ c) $\frac{2}{6}$

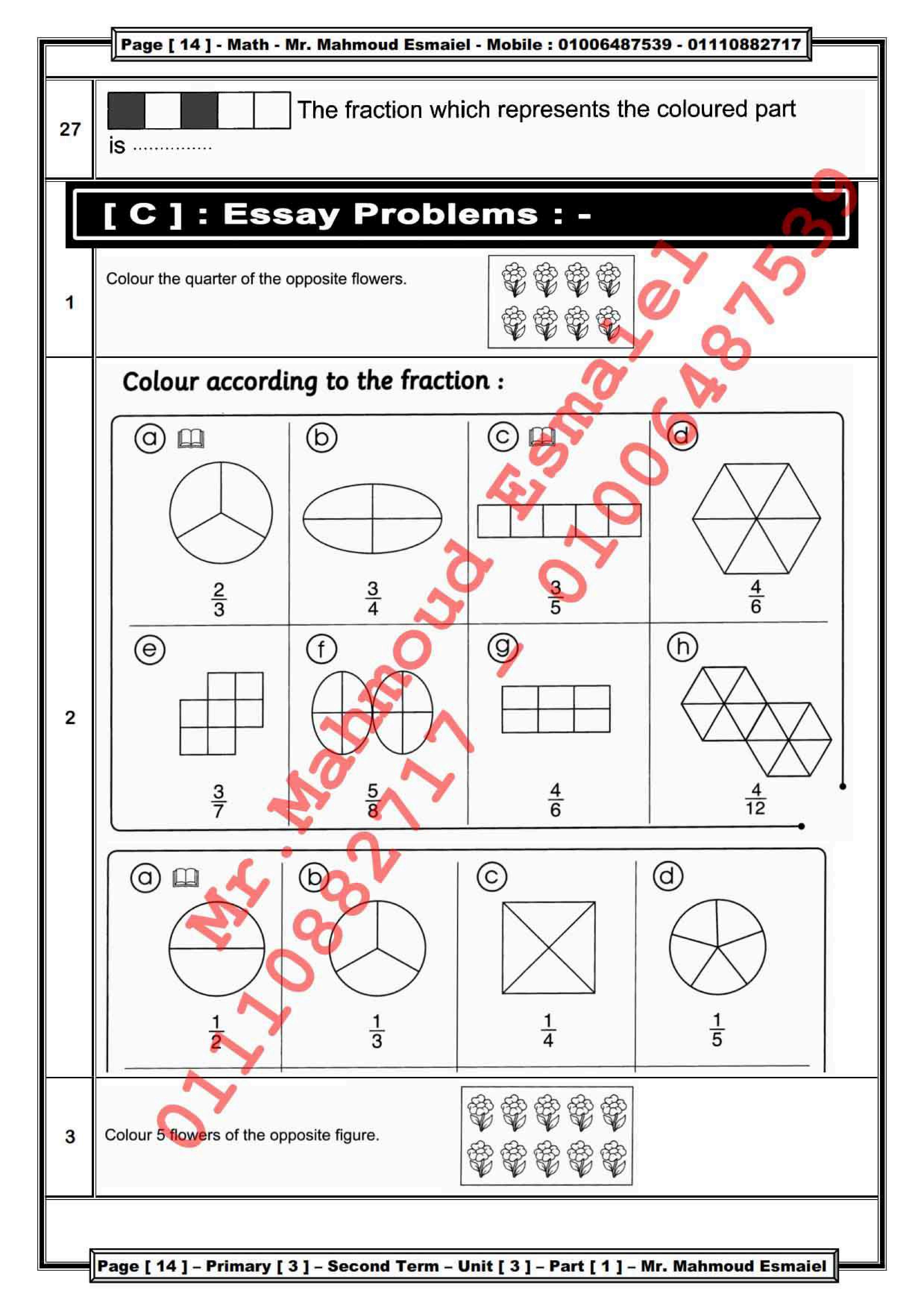
11	$\frac{1}{2} = \frac{6}{\dots\dots}$ (12 *or* 18 *or* 24)
12	$1 = \frac{\dots\dots}{5}$ A) 2 B) 3 C) 4 D) 5
13	Five sixths = …………… ($\frac{5}{6}$ *or* $\frac{6}{5}$ *or* $\frac{2}{6}$)
14	The fraction Which represents the shaded part a) $\frac{2}{8}$ b) $\frac{1}{2}$ c) $\frac{2}{6}$
15	$\frac{15}{25} = \frac{\dots\dots}{5}$ (3 *or* 5 *or* 7)
16	$1 = \frac{\dots\dots}{3}$ A) 2 B) 3 C) 4 D) 5
17	Four sevenths = …………… ($\frac{4}{7}$ *or* $\frac{7}{4}$ *or* $\frac{2}{7}$)
18	The fraction Which represents the shaded part a) $\frac{1}{2}$ b) $\frac{1}{3}$ c) $\frac{1}{4}$ d) $\frac{2}{3}$
19	$1 = \frac{5}{\dots\dots}$ (1 *or* 5 *or* 0)
20	Seven tenths = …………………… A) $\frac{7}{8}$ B) $\frac{7}{9}$ C) $\frac{7}{4}$ D) $\frac{7}{10}$
21	Four fifths = …………… ($\frac{3}{5}$ *or* $\frac{5}{4}$ *or* $\frac{6}{7}$ *or* $\frac{4}{5}$)
22	The fraction Which represents the shaded part a) $\frac{1}{2}$ b) $\frac{1}{3}$ c) $\frac{1}{4}$ d) $\frac{2}{3}$
23	$\frac{15}{20} = \frac{3}{\dots\dots}$ (3 *or* 4 *or* 5)
24	$\frac{1}{3}$ = …………… ($\frac{7}{10}$ *or* $\frac{9}{11}$ *or* $\frac{5}{15}$)
25	Three fifths = …………… ($\frac{3}{5}$ *or* $\frac{5}{3}$ *or* $\frac{2}{5}$)
26	The fraction which represents the shaded part is …………… ($\frac{1}{2}$ *or* $\frac{1}{3}$ *or* $\frac{1}{4}$)

27	$\frac{3}{6} = \frac{\cdots}{2}$	(3 **or** 4 **or** 1)
28	$\frac{7}{10}$ = ...	($\frac{9}{10} - \frac{1}{10}$ **or** $\frac{14}{20}$ **or** $\frac{2}{10} + \frac{3}{10}$ **or** $\frac{2}{5}$)
29	Two thirds = ...	($\frac{3}{2}$ **or** 23 **or** $\frac{2}{3}$ **or** $2\frac{1}{3}$)
30	The fraction which represents the shaded part is	($\frac{1}{2}$ **or** $\frac{1}{3}$ **or** $\frac{1}{4}$)
31	$\frac{16}{24} = \frac{2}{\cdots}$	(4 **or** 6 **or** 3)
32	$\frac{3}{4} = \frac{\cdots}{32}$	(24 **or** 12 **or** 8)
33	The denominator of fraction $\frac{7}{9}$ is	(7 **or** 9 **or** 1)
34	The fraction for the shaded part is	($\frac{1}{4}$ **or** $\frac{1}{2}$ **or** $\frac{2}{3}$)
35	The fraction which represents the shaded part in the figure is	(1 **or** $\frac{1}{2}$ **or** $\frac{5}{8}$ **or** $\frac{5}{3}$)
36	$\frac{5}{8} = \frac{\cdots}{24}$	(13 **or** 14 **or** 15)
37	**Which of the following fraaction represent $\frac{1}{4}$**	
38	The fraction which represents the shaded part in the figure is	(1 **or** $\frac{1}{2}$ **or** $\frac{5}{8}$ **or** $\frac{5}{3}$)
39	$\frac{3}{5} = \frac{\cdots}{20}$	(4 **or** 12 **or** 6)

[B] : Complete the Following : -

1	The fraction which represents the coloured part is ....
2	The fraction which represents the following figure is ....
3	$\frac{3}{5} = \frac{......}{35}$
4	The fraction which represents the shaded part in the figure is ....
5	$\frac{2}{3} = \frac{...............}{9}$
6	The fraction which represents the shaded part in the figure is ....
7	Quarter = $\frac{........}{8}$
8	$\frac{35}{49} = \frac{5}{........}$
9	The fraction which represents the shaded part in the figure is ....
10	$\frac{1}{2} = \frac{........}{4}$
11	$\frac{16}{24} = \frac{4}{....}$
12	The fraction which represents the shaded part in  is ....

13	$\frac{12}{27} = \frac{4}{\dots\dots}$
14	The fraction which represents the shaded part in the figure [figure] is ....
15	Four fifths = $\frac{\dots\dots\dots\dots}{\dots\dots\dots\dots}$
16	$\frac{15}{35} = \frac{\dots\dots}{7}$
17	[figure] The fraction which represents the coloured part is ....
18	[figure] The fraction which represents the coloured part is ....
19	The fraction which represents the shaded part in [figure] is ....
20	$\frac{20}{25}$ = ... (in the simplest form)
21	The fraction which represents the shaded part in [figure] is ....
22	$\frac{6}{10} = \frac{3}{\dots\dots}$
23	The opposite figure represents a rectangular piece of land divided into 9 equal parts , 3 parts of them were planted with red flowers , so these parts represent $\frac{\dots\dots}{\dots\dots}$ with respect to the whole land.
24	$\frac{4}{5} = \frac{16}{\dots\dots}$
25	The fraction which represents the shaded part [figure] = $\frac{\dots\dots}{\dots\dots}$
26	$\frac{3}{5} = \frac{\dots\dots}{10}$



27 The fraction which represents the coloured part is ....

[C] : Essay Problems : -

1 Colour the quarter of the opposite flowers.

2 **Colour according to the fraction :**

(a) $\frac{2}{3}$ (b) $\frac{3}{4}$ (c) $\frac{3}{5}$ (d) $\frac{4}{6}$

(e) $\frac{3}{7}$ (f) $\frac{5}{8}$ (g) $\frac{4}{6}$ (h) $\frac{4}{12}$

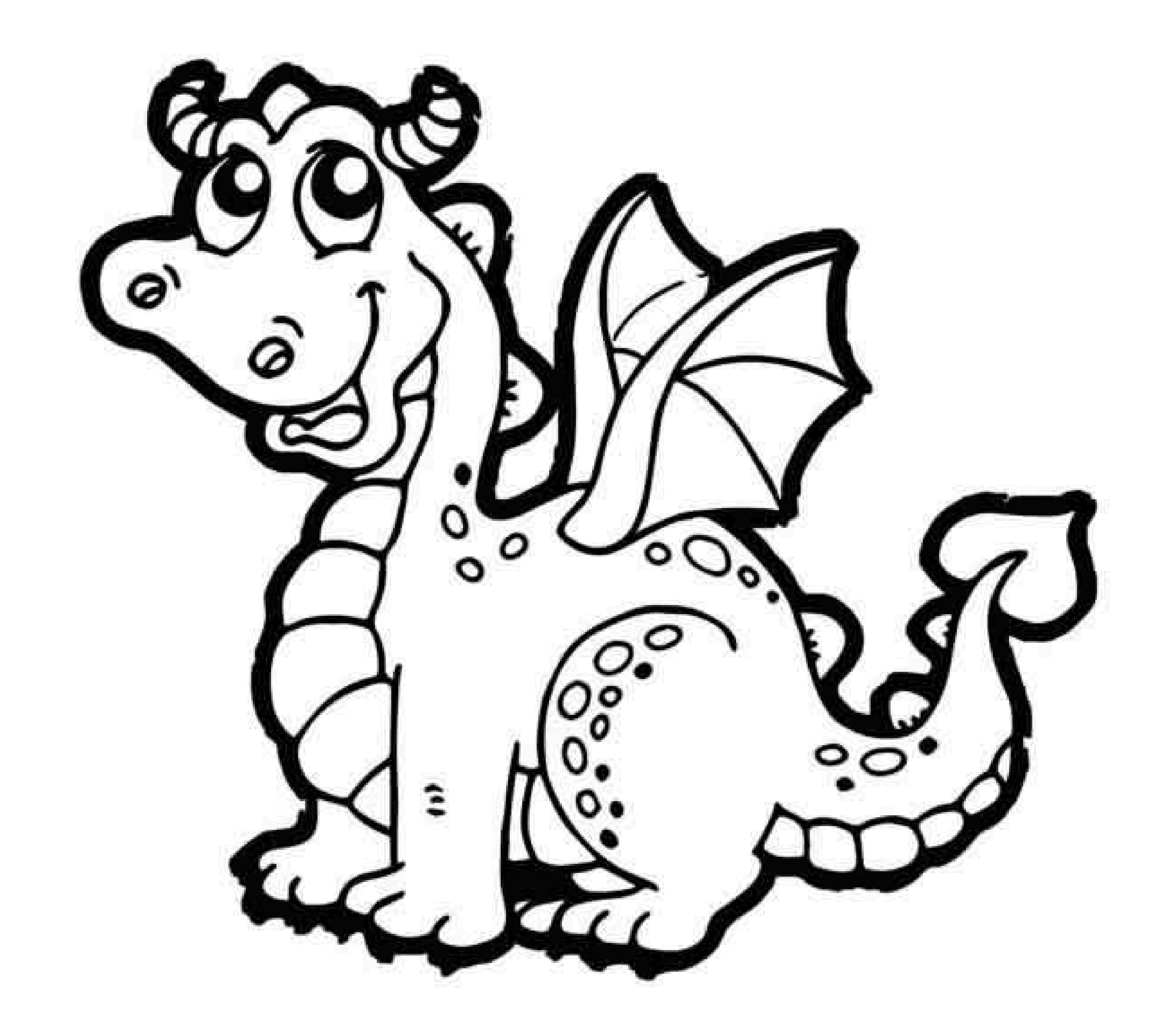
(a) $\frac{1}{2}$ (b) $\frac{1}{3}$ (c) $\frac{1}{4}$ (d) $\frac{1}{5}$

3 Colour 5 flowers of the opposite figure.

Primary [3]

Math - Second Term

Unit [3] - Part [2]



Mr. Mahmoud Esmaiel

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الاسـم ....

Lesson [3] : Comparing and ordering fractions

Lesson [4] : Adding and subtracting the fractions

Remark [1]

$\frac{1}{2}$: half	$\frac{1}{3}$: third	$\frac{1}{4}$: quarter or fourth	$\frac{1}{5}$: fifth
$\frac{1}{7}$: seventh	$\frac{1}{10}$: tenth	$\frac{3}{4}$: three fourths	$\frac{3}{5}$: three Fifths
$\frac{2}{5}$: two Fifths	$\frac{4}{7}$: four sevenths	$\frac{5}{9}$: five ninths	$\frac{7}{8}$: seven eighths

Remark [2]

$\frac{5}{9} > \frac{4}{9}$	$\frac{7}{8} > \frac{2}{8}$	$\frac{2}{3} > \frac{1}{3}$	$\frac{3}{4} > \frac{1}{4}$
$\frac{1}{2} > \frac{1}{3}$	$\frac{1}{2} > \frac{1}{4}$	$\frac{4}{5} > \frac{4}{9}$	$\frac{2}{9} > \frac{2}{27}$

Remark [3]

$1 = \frac{2}{2} = \frac{3}{3} = \frac{4}{4} = \frac{5}{5} = \frac{7}{7}$ .... etc

Remark [4]

$\frac{1}{5} + \frac{1}{5} = \frac{2}{5}$	$\frac{1}{7} + \frac{2}{7} = \frac{3}{7}$	$\frac{3}{10} + \frac{4}{10} = \frac{7}{10}$
$\frac{3}{5} + \frac{2}{5} = \frac{5}{5} = 1$	$\frac{3}{7} + \frac{4}{7} = \frac{7}{7} = 1$	$\frac{7}{10} + \frac{3}{10} = \frac{10}{10} = 1$

Remark [5]

$\frac{3}{7} - \frac{1}{7} = \frac{2}{7}$	$\frac{2}{5} - \frac{1}{5} = \frac{1}{5}$	$\frac{7}{10} - \frac{4}{10} = \frac{3}{10}$
$1 - \frac{3}{7} = \frac{7}{7} - \frac{3}{7} = \frac{4}{7}$	$1 - \frac{2}{5} = \frac{5}{5} - \frac{2}{5} = \frac{3}{5}$	$1 - \frac{7}{10} = \frac{10}{10} - \frac{7}{10} = \frac{3}{10}$

Remark [6]

$\frac{4}{6} = \frac{2 \times 2}{2 \times 3} = \frac{2}{3}$	$\frac{6}{9} = \frac{2 \times 3}{3 \times 3} = \frac{2}{3}$	$\frac{6}{18} = \frac{6 \times 1}{6 \times 3} = \frac{1}{3}$
$\frac{15}{25} = \frac{5 \times 3}{5 \times 5} = \frac{3}{5}$	$\frac{8}{10} = \frac{2 \times 4}{2 \times 5} = \frac{4}{5}$	$\frac{24}{32} = \frac{8 \times 3}{8 \times 4} = \frac{3}{4}$

Exercises

[A] : Choose The Correct Answer : -

1	$\frac{5}{6} > \frac{5}{7}$	(✓ or ✗)
2	1 ☐ $\frac{8}{8}$	(> or = or <)
3	$\frac{5}{5}$ .... $\frac{3}{5}$	(> or = or <)
4	$\frac{1}{3}$ .... $\frac{1}{5}$	(> or < or = or +)
5	$\frac{1}{7}$ ☐ $\frac{2}{3}$	(< or > or =)
6	$\frac{2}{3}$ .... $\frac{1}{3}$	(> or = or <)
7	$\frac{2}{7}$ .... $\frac{5}{7}$	(< or > or =)
8	$\frac{2}{9}$ ☐ $\frac{5}{9}$	(< or > or =)
9	$\frac{3}{4}$ ☐ $\frac{1}{4}$	(> or = or <)
10	$\frac{3}{7}$ ☐ $\frac{2}{7}$	(> or < or = or otherwise)
11	$\frac{4}{6}$ .... $\frac{5}{6}$	(< or > or =)
12	$\frac{5}{7}$ ☐ $\frac{6}{7}$	(> or = or <)
13	$\frac{5}{5}$ ☐ three fifths	(< or > or =)
14	Four fifths ☐ $\frac{4}{6}$	(> or = or <)
15	Five sixths .... $\frac{6}{6}$	(< or = or >)
16	Four sixths .... $\frac{4}{6}$	(< or = or >)
17	Three fives .... three fifths.	(> or < or =)
18	1 .... $\frac{7}{9}$	(> or < or =)
19	1 ☐ $\frac{6}{6}$	(> or = or <)

20	The smallest fraction from the following is .... ($\frac{1}{10}$ or $\frac{3}{10}$ or $\frac{7}{10}$)
21	Which of the following groups of fractions are arranged in an ascending order ? a. $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{3}$, $\frac{1}{5}$ b. $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{5}$, $\frac{1}{4}$ c. $\frac{1}{5}$, $\frac{1}{4}$, $\frac{1}{3}$, $\frac{1}{2}$
22	.... > $\frac{2}{5}$ ($\frac{2}{7}$ or $\frac{2}{11}$ or $\frac{9}{9}$)
23	$\frac{1}{6}$ > .... ($\frac{1}{2}$ or $\frac{1}{3}$ or $\frac{1}{5}$ or $\frac{1}{7}$)
24	$\frac{1}{3} + \frac{2}{3}$ = ... (3 or $\frac{3}{6}$ or 1)
25	$\frac{1}{5}$ + three fifths = ... ($\frac{4}{5}$ or $\frac{3}{5}$ or $\frac{2}{5}$)
26	$\frac{2}{5} + \frac{3}{5}$ = ... ($\frac{1}{5}$ or 1 or $\frac{4}{5}$)
27	$\frac{1}{6} + \frac{4}{6}$ = ... ($\frac{5}{12}$ or $\frac{5}{6}$ or $\frac{3}{6}$)
28	$\frac{1}{7} + \frac{2}{7}$ = ... ($\frac{3}{7}$ or $\frac{4}{7}$ or $\frac{5}{7}$)
29	$\frac{2}{5} + \frac{3}{5}$ = ... ($\frac{5}{10}$ or $\frac{1}{5}$ or 1)
30	$\frac{2}{7} + \frac{3}{7}$ = $\frac{\text{..............}}{\text{..............}}$ ($\frac{2}{7}$ or $\frac{3}{7}$ or $\frac{4}{7}$ or $\frac{5}{7}$)
31	$\frac{3}{7} + \frac{1}{7}$ = ... ($\frac{4}{7}$ or $\frac{2}{7}$ or $\frac{4}{14}$ or $\frac{3}{49}$)
32	Two sevenths + 3 sevenths = ... ($\frac{7}{5}$ or $\frac{5}{7}$ or $\frac{1}{7}$)
33	$\frac{5}{7} - \frac{3}{7}$ = ... ($\frac{1}{7}$ or $\frac{2}{7}$ or $\frac{3}{7}$)
34	$\frac{2}{5} - \frac{1}{5}$ = ... ($\frac{3}{5}$ or 1 or $\frac{1}{5}$)
35	$\frac{4}{6} - \frac{1}{6}$ = ... ($\frac{1}{6}$ or $\frac{3}{6}$ or $\frac{6}{6}$)
36	$\frac{6}{9} - \frac{4}{9} = \frac{\text{........}}{9}$ (1 or 2 or 3 or 4)
37	$1 - \frac{3}{4}$ = ... ($1\frac{3}{4}$ or $\frac{3}{4}$ or $\frac{1}{4}$)
38	$1 - \frac{3}{8}$ = ... ($\frac{6}{8}$ or $\frac{5}{8}$ or $\frac{2}{8}$)
39	The fraction if added to $\frac{4}{6}$ the result will be 1 is .... a. $\frac{4}{6}$ b. $\frac{2}{6}$ c. $\frac{4}{4}$

40	The fraction which added to $\frac{5}{7}$ the result equals a whole one is .... a. $\frac{1}{7}$ b. $\frac{2}{7}$ c. $\frac{7}{7}$	
41	The fraction if added to $\frac{3}{7}$ the result will be 1 is	($\frac{7}{7}$ or $\frac{4}{7}$ or $\frac{3}{7}$)
42	The fraction if added to $\frac{1}{4}$ the result will be $\frac{2}{4}$ is	($\frac{1}{2}$ or 1 or $\frac{1}{4}$)
43	$\frac{2}{7} + \frac{2}{7} + \frac{\dots\dots}{7} = 1$	(3 or 4 or 5)
44	$\frac{2}{7}$ + ... = $\frac{6}{7}$	($\frac{8}{14}$ or $\frac{4}{7}$ or 4)
45	$\frac{9}{10}$ – .... = $\frac{3}{10}$	($\frac{3}{10}$ or $\frac{6}{10}$ or $\frac{2}{10}$)
46	$\frac{4}{9} + \frac{5}{9}$ .... $\frac{2}{2}$	(< or > or =)
47	Four sixths .... $\frac{1}{6} + \frac{5}{6}$	(> or < or =)
48	$\frac{1}{2} + \frac{1}{2}$ ☐ $\frac{5}{5}$	(> or = or <)
49	$\frac{7}{9}$ ☐ $\frac{5}{9} - \frac{2}{9}$	(> or = or <)
50	$1 - \frac{2}{7} = \frac{1}{7}$ + ...	($\frac{1}{7}$ or $\frac{2}{7}$ or $\frac{4}{7}$)
51	$1 - \frac{4}{6} = \frac{1}{6}$ + ... a. $\frac{1}{6}$ b. $\frac{2}{6}$ c. $\frac{6}{6}$	
52	$\frac{8}{9} - \frac{3}{9}$ .... $\frac{1}{9} + \frac{4}{9}$	(< or = or >)
53	$1 - \frac{4}{9}$ .... $\frac{1}{9} + \frac{4}{9}$	(= or > or <)
54	There are .... halves in a whole one.	(2 or 3 or 4)
55	Five ninths = ...	($\frac{9}{5}$ or $\frac{5}{9}$ or $\frac{5}{3}$)
56	The fraction Which represents the shaded part a) $\frac{1}{2}$ b) $\frac{1}{3}$ c) $\frac{1}{4}$ d) $\frac{2}{3}$	
57	$\frac{3}{6} = \frac{\dots\dots}{2}$	(3 or 4 or 1)

[B] : Complete the Following : -

1	The ascending order of : $\frac{1}{8}$, $\frac{7}{8}$, $\frac{5}{8}$ and $\frac{3}{8}$ is .... , ... , ... and ....
2	The ascending order for the following fractions $\frac{1}{2}$, $\frac{2}{8}$, $\frac{1}{6}$, $\frac{1}{5}$ is .... , ... , ... , ...
3	$\frac{3}{8} + \frac{4}{8} = \frac{\dots\dots}{\dots\dots}$
4	$\frac{1}{4} + \frac{2}{4} =$ ....
5	$\frac{5}{7} + \frac{1}{7} =$ ....
6	$\frac{2}{5} + \frac{3}{5} =$ .... = ...
7	$\frac{2}{5} - \frac{1}{5} =$ ....
8	$\frac{7}{9} - \frac{5}{9} =$ ....
9	$\frac{7}{9} - \frac{5}{9} = \frac{\dots\dots}{9}$
10	$\frac{1}{5} +$ .... = 1
11	.... $+ \frac{5}{7} = 1$
12	$\frac{5}{8} + \frac{\dots\dots}{8} = 1$
13	$\frac{3}{5} +$ .... = 1
14	$\frac{2}{5} +$ .... $= \frac{3}{5}$
15	.... $- \frac{5}{9} = \frac{2}{9}$
16	$1 - \frac{1}{4} =$ ....

17	$1 - \frac{2}{3} =$ ....
18	$1 - \frac{2}{5} =$ ....
19	$1 - \frac{3}{4} =$ ....
20	$1 - \frac{3}{7} =$ ....
21	$1 - \frac{3}{8} = \frac{......}{......}$
22	$1 - \frac{4}{9} =$ ....
23	$1 - \frac{5}{9} =$ ....
24	$1 - \frac{7}{8} =$ ....
25	The fraction which represents the coloured part is ....
26	The fraction which represents the shaded part in the figure is ....
27	$\frac{1}{2} = \frac{......}{4}$
28	$\frac{12}{27} = \frac{4}{......}$
29	The fraction which represents the shaded part in the figure is ....
30	Four fifths = $\frac{......}{......}$
31	$\frac{20}{25} =$ .... (in the simplest form)
32	$\frac{6}{10} = \frac{3}{......}$

[C] : Essay Problems : -

1	***Arrange the following fractions in an ascending order :*** $\frac{1}{2}$, $\frac{1}{5}$, $\frac{1}{4}$, $\frac{1}{10}$, $\frac{1}{3}$ and $\frac{1}{8}$ The order is : ………… , ………… , ………… , ………… , ………… and …………
2	***Arrange in an ascending order :*** $\frac{1}{5}$, $\frac{1}{2}$, $\frac{1}{6}$ and $\frac{1}{3}$ The order is : ………… , ………… , ………… and …………
3	***Arrange in an ascending order :*** $\frac{1}{8}$, $\frac{6}{8}$, $\frac{5}{8}$ and $\frac{2}{8}$ The order is : ………… , ………… , ………… and …………
4	***Arrange in an ascending order :*** $\frac{3}{8}$, $\frac{1}{8}$, 1 and $\frac{5}{8}$ The order is : ………… , ………… , ………… and …………
5	***Arrange in an ascending order :*** $\frac{3}{8}$, $\frac{7}{8}$, $\frac{1}{8}$ and $\frac{5}{8}$ The order is : ………… , ………… , ………… and …………
6	***Arrange in an ascending order :*** $\frac{6}{9}$, 1 , $\frac{2}{9}$ and $\frac{5}{9}$ The order is : ………… , ………… , ………… and …………
7	***Find the result :*** $1 - \frac{5}{8} =$ …………
8	$1 - \frac{5}{11} =$ …………

Homework

[A] : Choose The Correct Answer : -

1	$\frac{2}{7}$ .... $\frac{5}{7}$	(< or > or =)
2	Four fifths ☐ $\frac{4}{6}$	(> or = or <)
3	Which of the following groups of fractions are arranged in an ascending order ? a. $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{3}$, $\frac{1}{5}$ b. $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{5}$, $\frac{1}{4}$ c. $\frac{1}{5}$, $\frac{1}{4}$, $\frac{1}{3}$, $\frac{1}{2}$	
4	$\frac{1}{7} + \frac{2}{7} =$	($\frac{3}{7}$ or $\frac{4}{7}$ or $\frac{5}{7}$)
5	$\frac{4}{6} - \frac{1}{6} =$	($\frac{1}{6}$ or $\frac{3}{6}$ or $\frac{6}{6}$)
6	The fraction if added to $\frac{1}{4}$ the result will be $\frac{2}{4}$ is	($\frac{1}{2}$ or 1 or $\frac{1}{4}$)
7	$\frac{7}{9}$ ☐ $\frac{5}{9} - \frac{2}{9}$	(> or = or <)
8	$\frac{16}{24} = \frac{2}{.......}$	(4 or 6 or 3)
9	$\frac{2}{3}$ .... $\frac{1}{3}$	(> or = or <)
10	$\frac{5}{5}$ ☐ three fifths	(< or > or =)
11	The smallest fraction from the following is	($\frac{1}{10}$ or $\frac{3}{10}$ or $\frac{7}{10}$)
12	$\frac{1}{6} + \frac{4}{6} =$	($\frac{5}{12}$ or $\frac{5}{6}$ or $\frac{3}{6}$)
13	$\frac{2}{5} - \frac{1}{5} =$	($\frac{3}{5}$ or 1 or $\frac{1}{5}$)
14	The fraction if added to $\frac{3}{7}$ the result will be 1 is	($\frac{7}{7}$ or $\frac{4}{7}$ or $\frac{3}{7}$)
15	$\frac{1}{2} + \frac{1}{2}$ ☐ $\frac{5}{5}$	(> or = or <)
16	Five sixths = ...	($\frac{5}{6}$ or $\frac{6}{5}$ or $\frac{2}{6}$)
17	$\frac{1}{7}$ ☐ $\frac{2}{3}$	(< or > or =)

18	$\frac{5}{7}$ ☐ $\frac{6}{7}$	(> ***or*** = ***or*** <)
19	1 ☐ $\frac{6}{6}$	(> ***or*** = ***or*** <)
20	$\frac{2}{5} + \frac{3}{5} =$	($\frac{1}{5}$ ***or*** 1 ***or*** $\frac{4}{5}$)
21	$\frac{5}{7} - \frac{3}{7} =$	($\frac{1}{7}$ ***or*** $\frac{2}{7}$ ***or*** $\frac{3}{7}$)
22	The fraction which added to $\frac{5}{7}$ the result equals a whole one is .... a. $\frac{1}{7}$ b. $\frac{2}{7}$ c. $\frac{7}{7}$	
23	Four sixths .... $\frac{1}{6} + \frac{5}{6}$	(> ***or*** < ***or*** =)
24	$\frac{5}{8} = \frac{\dots\dots}{24}$	(13 ***or*** 14 ***or*** 15)
25	$\frac{1}{3}$ .... $\frac{1}{5}$	(> ***or*** < ***or*** = ***or*** +)
26	$\frac{4}{6}$ .... $\frac{5}{6}$	(< ***or*** > ***or*** =)
27	1 .... $\frac{7}{9}$	(> ***or*** < ***or*** =)
28	$\frac{1}{5}$ + three fifths = ...	($\frac{4}{5}$ ***or*** $\frac{3}{5}$ ***or*** $\frac{2}{5}$)
29	Two sevenths + 3 sevenths = ...	($\frac{7}{5}$ ***or*** $\frac{5}{7}$ ***or*** $\frac{1}{7}$)
30	The fraction if added to $\frac{4}{6}$ the result will be 1 is .... a. $\frac{4}{6}$ b. $\frac{2}{6}$ c. $\frac{4}{4}$	
31	$\frac{4}{9} + \frac{5}{9}$ .... $\frac{2}{2}$	(< ***or*** > ***or*** =)
32	$1 - \frac{4}{9}$ .... $\frac{1}{9} + \frac{4}{9}$	(= ***or*** > ***or*** <)
33	$\frac{5}{5}$ .... $\frac{3}{5}$	(> ***or*** = ***or*** <)
34	$\frac{3}{7}$ ☐ $\frac{2}{7}$	(> ***or*** < ***or*** = ***or*** otherwise)
35	Three fives .... three fifths.	(> ***or*** < ***or*** =)
36	$\frac{1}{3} + \frac{2}{3} =$	(3 ***or*** $\frac{3}{6}$ ***or*** 1)
37	$\frac{3}{4}$ ☐ $\frac{1}{4}$	(> ***or*** = ***or*** <)

38	$\frac{5}{6} > \frac{5}{7}$	(✓ or ✗)
39	$\frac{3}{7} + \frac{1}{7} =$ ……………	($\frac{4}{7}$ or $\frac{2}{7}$ or $\frac{4}{14}$ or $\frac{3}{49}$)
40	$1 - \frac{3}{8} =$ ……………	($\frac{6}{8}$ or $\frac{5}{8}$ or $\frac{2}{8}$)
41	$\frac{9}{10} -$ …………… $= \frac{3}{10}$	($\frac{3}{10}$ or $\frac{6}{10}$ or $\frac{2}{10}$)
42	$\frac{8}{9} - \frac{3}{9}$ …………… $\frac{1}{9} + \frac{4}{9}$	(< or = or >)
43	1 ☐ $\frac{8}{8}$	(> or = or <)
44	Four sixths …………… $\frac{4}{6}$	(< or = or >)
45	$\frac{1}{6} >$ ……………	($\frac{1}{2}$ or $\frac{1}{3}$ or $\frac{1}{5}$ or $\frac{1}{7}$)
46	$\frac{2}{7} + \frac{3}{7} = \frac{\dots\dots}{\dots\dots}$	($\frac{2}{7}$ or $\frac{3}{7}$ or $\frac{4}{7}$ or $\frac{5}{7}$)
47	$1 - \frac{3}{4} =$ ……………	($1\frac{3}{4}$ or $\frac{3}{4}$ or $\frac{1}{4}$)
48	$\frac{2}{7} +$ …………… $= \frac{6}{7}$	($\frac{8}{14}$ or $\frac{4}{7}$ or 4)
49	$1 - \frac{4}{6} = \frac{1}{6} +$ …………… a. $\frac{1}{6}$ b. $\frac{2}{6}$ c. $\frac{6}{6}$	
50	Four sevenths = ……………	($\frac{4}{7}$ or $\frac{7}{4}$ or $\frac{2}{7}$)
51	$\frac{2}{9}$ ☐ $\frac{5}{9}$	(< or > or =)
52	Five sixths …………… $\frac{6}{6}$	(< or = or >)
53	…………… $> \frac{2}{5}$	($\frac{2}{7}$ or $\frac{2}{11}$ or $\frac{9}{9}$)
54	$\frac{2}{5} + \frac{3}{5} =$ ……………	($\frac{5}{10}$ or $\frac{1}{5}$ or 1)
55	$\frac{6}{9} - \frac{4}{9} = \frac{\dots\dots}{9}$	(1 or 2 or 3 or 4)
56	$\frac{2}{7} + \frac{2}{7} + \frac{\dots\dots}{7} = 1$	(3 or 4 or 5)
57	$1 - \frac{2}{7} = \frac{1}{7} +$ ……………	($\frac{1}{7}$ or $\frac{2}{7}$ or $\frac{4}{7}$)
58	$\frac{3}{5} = \frac{\dots\dots}{20}$	(4 or 12 or 6)

[B] : Complete the Following : -

1	$\frac{2}{5} - \frac{1}{5} =$ ....
2	$\frac{2}{5} +$ .... $= \frac{3}{5}$
3	$1 - \frac{3}{8} = \frac{\dots\dots}{\dots\dots}$
4	The fraction which represents the shaded part in [figure] is ....
5	$\frac{2}{5} + \frac{3}{5} =$ .... = ...
6	$\frac{3}{5} +$ .... $= 1$
7	$1 - \frac{3}{7} =$ ....
8	The fraction which represents the shaded part in the figure [figure] is ....
9	$\frac{5}{7} + \frac{1}{7} =$ ....
10	$\frac{5}{8} + \frac{\dots\dots}{8} = 1$
11	$1 - \frac{3}{4} =$ ....
12	$\frac{1}{4} + \frac{2}{4} =$ ....
13	.... $+ \frac{5}{7} = 1$
14	$1 - \frac{2}{5} =$ ....
15	$\frac{3}{8} + \frac{4}{8} = \frac{\dots\dots}{\dots\dots}$
16	$\frac{1}{5} +$ .... $= 1$

17	The ascending order of : $\frac{1}{8}$, $\frac{7}{8}$, $\frac{5}{8}$ and $\frac{3}{8}$ is .... , ... , ... and ....
18	The fraction which represents the shaded part in is ....
19	$1 - \frac{2}{3} =$ ....
20	The fraction which represents the shaded part in the figure is ....
21	$1 - \frac{7}{8} =$ ....
22	$\frac{3}{5} = \frac{\dots\dots}{10}$
23	The ascending order for the following fractions $\frac{1}{2}$, $\frac{2}{8}$, $\frac{1}{6}$, $\frac{1}{5}$ is .... , ... , ... , ...
24	$\frac{7}{9} - \frac{5}{9} = \frac{\dots\dots}{9}$
25	$1 - \frac{1}{4} =$ ....
26	$1 - \frac{5}{9} =$ ....
27	The fraction which represents the coloured part is ....
28	$\frac{7}{9} - \frac{5}{9} =$ ....
29	.... $- \frac{5}{9} = \frac{2}{9}$
30	$1 - \frac{4}{9} =$ ....
31	$\frac{4}{5} = \frac{16}{\dots\dots}$

[C] : Essay Problems : -

1	***Arrange in an ascending order :*** $\frac{7}{10}$, $\frac{3}{10}$, 1 , $\frac{4}{10}$ and $\frac{9}{10}$ The order is : .... , ... , ... , ... and ....
2	***Arrange in an ascending order :*** $\frac{6}{9}$, 1 , $\frac{2}{9}$ and $\frac{5}{9}$ The order is : .... , ... , ... and ....
3	$1 - \frac{5}{11}$ = ...
4	***Find the result :*** $1 - \frac{5}{8}$ = ...
5	***Arrange in an ascending order :*** $\frac{3}{8}$, $\frac{1}{8}$, 1 and $\frac{5}{8}$ The order is : .... , ... , ... and ....
6	***Arrange the following fractions in an ascending order :*** $\frac{1}{2}$, $\frac{1}{5}$, $\frac{1}{4}$, $\frac{1}{10}$, $\frac{1}{3}$ and $\frac{1}{8}$ The order is : .... , ... , ... , ... , ... and ....
7	***Arrange in an ascending order :*** $\frac{1}{8}$, $\frac{6}{8}$, $\frac{5}{8}$ and $\frac{2}{8}$ The order is : .... , ... , ... and ....
8	***Arrange in an ascending order :*** $\frac{1}{5}$, $\frac{1}{2}$, $\frac{1}{6}$ and $\frac{1}{3}$ The order is : .... , ... , ... and ....

Primary [3]

Math - Second Term

Unit [4] - Part [1]



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الاســـم ....

Primary [3] – Second Term – Unit [4] : Measurement

Lesson [2] : Measuring Length

kilometer : km	metre : m	centimeter : cm
1 km = 1000 m	2 km = 2000 m	3 km = 3000 m
4 km = 4000 m	5 km = 5000 m	6 km = 6000 m
7 km = 7000 m	8 km = 8000 m	9 km = 9000 m
$\frac{1}{2}$ km = 500 m	$\frac{1}{4}$ km = 250 m	$\frac{3}{4}$ km = 750 m
1 m = 100 cm	2 m = 200 cm	3 m = 300 cm
4 m = 400 cm	5 m = 500 cm	6 m = 600 cm
7 m = 700 cm	8 m = 800 cm	9 m = 900 cm
$\frac{1}{2}$ m = 50 cm	$\frac{1}{4}$ m = 25 cm	$\frac{3}{4}$ m = 75 cm

Lesson [3] : Measuring Weight

kilogram : kg		gram : gm
1 kg = 1000 gm	2 kg = 2000 gm	3 kg = 3000 gm
4 kg = 4000 gm	5 kg = 5000 gm	6 kg = 6000 gm
7 kg = 7000 gm	8 kg = 8000 gm	9 kg = 9000 gm
$\frac{1}{2}$ kg = 500 gm	$\frac{1}{4}$ kg = 250 gm	$\frac{3}{4}$ kg = 750 gm

Exercises

[A] : Choose The Correct Answer : -

1	.... is unit of measuring length.	(Hour *or* Gram *or* Metre)
2	The unit of measuring length is	(kg. *or* km. *or* hour)
3	Broken line and bar-lines are the methods for representing	(lengths *or* weight *or* data)
4	The tallness of any person is measured in	(kg. *or* hour *or* cm.)
5	The suitable unit to measure the distance between to cities is	(kg. *or* cm. *or* km.)
6	The distance between Cairo and Ismailia is measured in	(cm. *or* m. *or* km.)
7	The length of the notebook is	(25 cm. *or* 1 metre *or* 1 kilometre)
8	The suitable unit for measuring the length of the pencil is .... a. metre. b. centimetre. c. kilometre.	
9	The suitable unit for measuring the length of your class is the	(metre *or* centimetre *or* kilometre)
10	8 metres = ... centimetres.	(80 *or* 800 *or* 8 000)
11	35 metres = ... centimetres.	(35 *or* 350 *or* 3 500 *or* 35 000)
12	66 m. = ... cm.	(66 *or* 660 *or* 6 600)
13	3 km. = ... m.	(30 *or* 300 *or* 3 000)
14	3 km. = ... metres.	(3 *or* 300 *or* 3 000)
15	17 kilometres = ... metres.	(170 *or* 17 000 *or* 1 700)
16	600 cm. = ... metres.	(6 *or* 60 *or* 600)
17	7 000 metres = ... kilometres.	(700 *or* 70 *or* 7)

18	.... kilometres = 4 000 metres.	(2 *or* 8 *or* 4)
19	6 004 metres = ... km. and 4 metres.	(600 *or* 60 *or* 6)
20	Unit of measuring weight is	(kg. *or* km. *or* m.)
21	The unit of measuring weight is	(kilogram *or* metre *or* hour)
22	The unit used to measure the weight of a rabbit is	(hour *or* metre *or* kilogram)
23	The weight of the ring is	(4 grams *or* 4 kilograms *or* kilometre)
24	1 kilogram = ... grams.	(250 *or* 1 000 *or* 450)
25	$2\frac{1}{2}$ kilograms = ... grams.	(2 050 *or* 2 500 *or* 3 000)
26	3 kilograms = ... grams.	(3 *or* 30 *or* 300 *or* 3 000)
27	3 kg. = ... grams.	(3 000 *or* 300 *or* 30 *or* 3)
28	8 kilograms = ... grams.	(800 *or* 80 *or* 8 000)
29	9 000 gm. = ... kg.	(9 *or* 90 *or* 900 *or* 9 000)
30	2 000 grams = ... kilograms.	(3 *or* 2 *or* 4)
31	4 kilograms and 150 gm. = ... gm.	(1 504 *or* 154 *or* 4 150)
32	3 600 grams .... 36 kg.	(< *or* = *or* >)
33	5 kg. .... 5 000 grams.	(> *or* < *or* =)
34	$\frac{1}{2}$ kg. .... 500 kg.	(= *or* < *or* >)
35	2 kg. .... 1 475 gm.	(< *or* > *or* =)
36	Which is heavier , 10 kg. of iron or 10 kg. of cotton ?	(Iron *or* Cotton *or* The same weight)
37	✱ 10 × 11 = ...	(1 010 *or* 110 *or* 1 100)
38	✱ 15 × 10 = ...	(15 *or* 150 *or* 50 *or* 100)
39	✱ 19 × 10 = ...	(1 900 *or* 190 *or* 1 090)

[B] : Complete the Following : -

1	2 m. = ………… cm.
2	4 metres = ………… cm.
3	5 m. = ………… cm.
4	5 metres = ………… centimetres.
5	75 metres = ………… centimetres.
6	75 metres = 75 × ………… = ………… cm.
7	11 000 m. = ………… km.
8	$3\frac{1}{2}$ km. = ………… m.
9	4 381 m. = ………… km. + ………… m.
10	7 250 metres = ………… kilometres + ………… metres.
11	The unit of measuring weight is …………
12	5 kg. = ………… grams.
13	8 kilograms = ………… grams.
14	2 000 gm. = ………… kilograms.
15	8 000 grams = ………… kg.
16	3 kilograms and 30 grams = ………… grams.
17	3 kilograms + 15 grams = ………… grams.
18	5 kilograms + 275 grams = ………… grams.
19	5 kilograms + 1 275 grams = ………… grams.
20	5 kilograms + 720 grams = ………… grams.

21	5 kilograms and 240 grams = ………… grams.
22	6 kilograms and 250 grams = ………… grams.
23	5 264 grams = ………… kilograms + ………… grams
24	***Arrange in an ascending order :*** 2 km. , 3 500 m. , $\frac{1}{2}$ km. and 2 550 m. The order is : ………… , ………… , ………… and …………
25	✻ 567 × 10 = …………
26	9 × ………… = 72
27	✻ 84 × 100 = 100 × ………… = …………
28	Hossam has 6 banknotes of 100 pounds , and 40 banknotes of 10 pounds , then the total money of what Hossam has = ………… pounds.
29	The smallest odd number is …………
30	The even number which are less than 2 is …………
31	6 , 12 , 24 , ………… , ………… , ………… (in the same pattern).
32	80 × 7 = …………
33	✻ 10 × 600 = ………… × 1 000 = …………
34	✻ (4 × 1 000) + (5 × 1 000) = ………… × 1 000 = …………
35	1 067 × 8 = …………
36	The sum of two odd numbers is an ………… number.
37	5 , 10 , 15 , ………… , ………… (in the same pattern)
38	✻ 8 × 1 000 = ………… thousands = …………

Homework

[A] : Choose The Correct Answer : -

1	The length of the notebook is	(25 cm. *or* 1 metre *or* 1 kilometre)
2	3 km. = ... metres.	(3 *or* 300 *or* 3 000)
3	The unit of measuring weight is	(kilogram *or* metre *or* hour)
4	8 kilograms = ... grams.	(800 *or* 80 *or* 8 000)
5	2 kg. .... 1 475 gm.	(< *or* > *or* =)
6	The distance between Cairo and Ismailia is measured in	(cm. *or* m. *or* km.)
7	3 km. = ... m.	(30 *or* 300 *or* 3 000)
8	Unit of measuring weight is	(kg. *or* km. *or* m.)
9	3 kg. = ... grams.	(3 000 *or* 300 *or* 30 *or* 3)
10	$\frac{1}{2}$ kg. .... 500 kg.	(= *or* < *or* >)
11	The suitable unit to measure the distance between to cities is	(kg. *or* cm. *or* km.)
12	66 m. = ... cm.	(66 *or* 660 *or* 6 600)
13	6 004 metres = ... km. and 4 metres.	(600 *or* 60 *or* 6)
14	3 kilograms = ... grams.	(3 *or* 30 *or* 300 *or* 3 000)
15	5 kg. .... 5 000 grams.	(> *or* < *or* =)
16	The tallness of any person is measured in	(kg. *or* hour *or* cm.)
17	35 metres = ... centimetres.	(35 *or* 350 *or* 3 500 *or* 35 000)
18	.... kilometres = 4 000 metres.	(2 *or* 8 *or* 4)

19	$2\frac{1}{2}$ kilograms = ... grams.	(2 050 **or** 2 500 **or** 3 000)
20	3 600 grams .... 36 kg.	(< **or** = **or** >)
21	Broken line and bar-lines are the methods for representing	(lengths **or** weight **or** data)
22	8 metres = ... centimetres.	(80 **or** 800 **or** 8 000)
23	7 000 metres = ... kilometres.	(700 **or** 70 **or** 7)
24	1 kilogram = ... grams.	(250 **or** 1 000 **or** 450)
25	4 kilograms and 150 gm. = ... gm.	(1 504 **or** 154 **or** 4 150)
26	The unit of measuring length is	(kg. **or** km. **or** hour)
27	The suitable unit for measuring the length of your class is the	(metre **or** centimetre **or** kilometre)
28	600 cm. = ... metres.	(6 **or** 60 **or** 600)
29	The weight of the ring is	(4 grams **or** 4 kilograms **or** kilometre)
30	2 000 grams = ... kilograms.	(3 **or** 2 **or** 4)
31	The suitable unit for measuring the length of the pencil is .... a. metre. b. centimetre. c. kilometre.	
32	17 kilometres = ... metres.	(170 **or** 17 000 **or** 1 700)
33	The unit used to measure the weight of a rabbit is	(hour **or** metre **or** kilogram)
34	9 000 gm. = ... kg.	(9 **or** 90 **or** 900 **or** 9 000)
35	.... is unit of measuring length.	(Hour **or** Gram **or** Metre)
36	Which is heavier , 10 kg. of iron or 10 kg. of cotton ?	(Iron **or** Cotton **or** The same weight)
37	✱ 23×10 = ...	(23 **or** 230 **or** 2 300)
38	✱ 27×10 = ...	(270 **or** 2 700 **or** 2 070)

[B] : Complete the Following : -

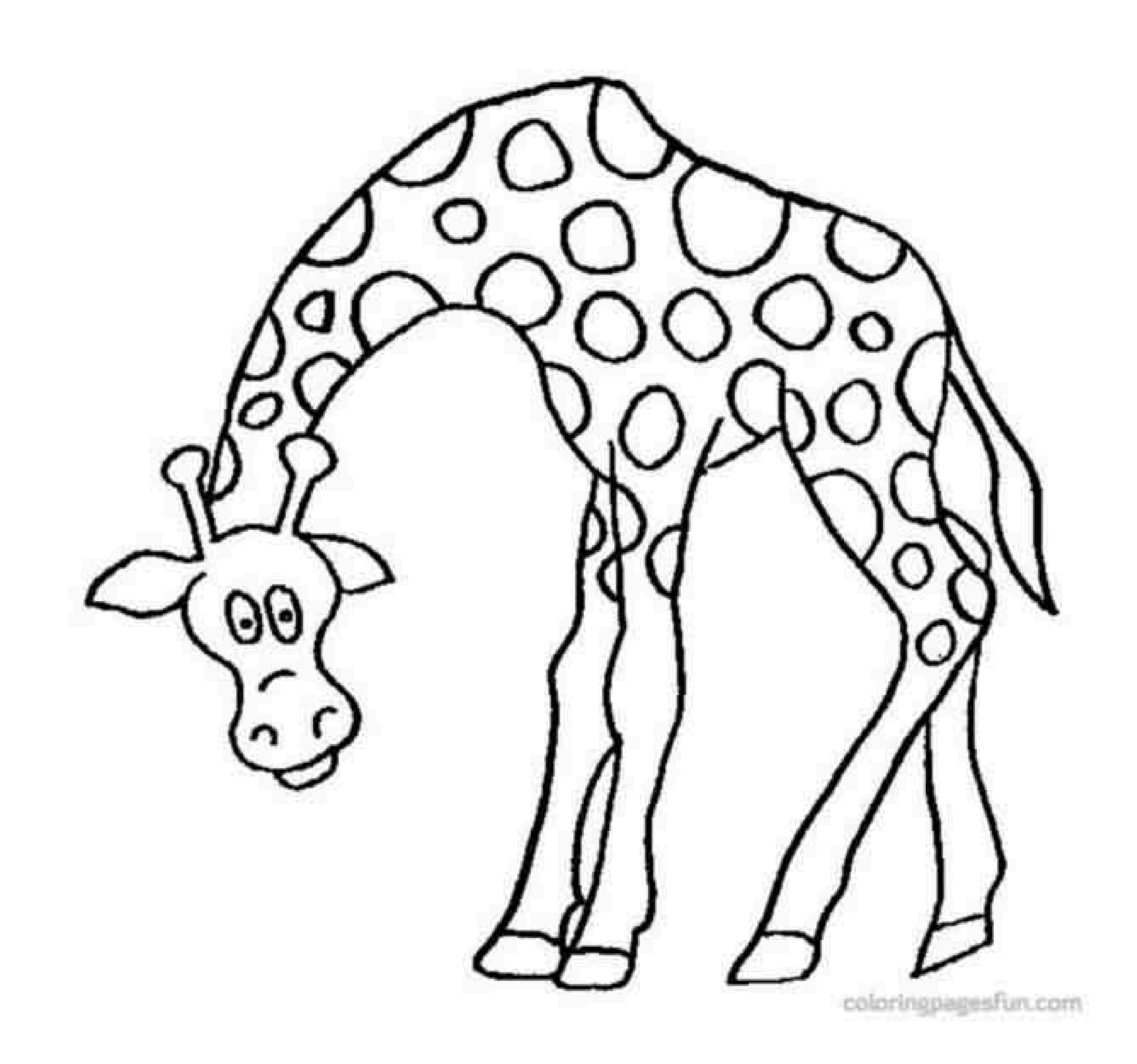
1	11 000 m. = ………… km.
2	2 000 gm. = ………… kilograms.
3	5 kilograms and 240 grams = ………… grams.
4	75 metres = 75 × ………… = ………… cm.
5	8 kilograms = ………… grams.
6	5 kilograms + 720 grams = ………… grams.
7	75 metres = ………… centimetres.
8	5 kg. = ………… grams.
9	5 kilograms + 1 275 grams = ………… grams.
10	5 metres = ………… centimetres.
11	The unit of measuring weight is …………
12	5 kilograms + 275 grams = ………… grams.
13	5 m. = ………… cm.
14	7 250 metres = ………… kilometres + ………… metres.
15	3 kilograms + 15 grams = ………… grams.
16	***Arrange in an ascending order :*** 2 km. , 3 500 m. , $\frac{1}{2}$ km. and 2 550 m. The order is : ………… , ………… , ………… and …………
17	4 metres = ………… cm.
18	4 381 m. = ………… km. + ………… m.

19	3 kilograms and 30 grams = …………… grams.
20	5 264 grams = …………… kilograms + …………… grams
21	$3\frac{1}{2}$ km. = …………… m.
22	8 000 grams = …………… kg.
23	2 m. = …………… cm.
24	6 kilograms and 250 grams = …………… grams.
25	✱ 9 × 1 000 = 1 000 × …………… = ……………
26	From the numbers : 6 374 , 8 651 , 4 205 , 1 352 , the odd numbers are …………… , ……………
27	300 ☐ 400 – (10 × 20) (using < , > *or* =) Number of hours
28	2 0 7 × 8 ……………………
29	The sum of any two odd numbers is …………… number.
30	4 , 40 , 400 , …………… (in the same pattern)
31	1 515 , 1 520 , 1 525 , …………… , …………… (in the same pattern)
32	✱ 4 × 7 × 1 000 = ……………
33	✱ 3 × 5 × 10 = …………… × 10 = ……………
34	✱ 10 × …………… = 60 + 20
35	2 415 × 6 = ……………
36	Then odd number just after 55 is ……………
37	3 , 6 , 9 , …………… , …………… (in the same pattern)

Primary [3]

Math - Second Term

Unit [4] - Part [2]



Mr. Mahmoud Esmaiel

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Lesson [1] : Measuring Temperature

Remarks

[1] To measure temperature , we use a thermometer.

[2] The unit of measuring temperature is the degree centigrade.

[3] It is symbolized by 1° C

Remarks

[1] Boiling Point of water = 100° C

[2] Freezing point of water = zero° C

[3] Normal body temperature = 37° C

[4] A hot day from (35° C to 45° C)

[5] A cold day from (10° C to 20° C)

[6] Room temperature from (20° C to 26° C)

Lesson [4] : Measuring Time

one year = 365 days	One year = 12 months	week = 7 days
2 years = 24 months	3 years = 36 months	4 years = 48 months
$\frac{1}{2}$ year = 6 months	$\frac{1}{4}$ year = 3 months	$\frac{1}{3}$ year = 4 months
one day = 24 hours	2 days = 48 hours	3 days = 72
$\frac{1}{2}$ day = 12 hours	$\frac{1}{4}$ day = 6 hours	$\frac{1}{3}$ day = 8 hours
1 hour = 60 min	2 hours = 120 min	3 hours = 180
$\frac{1}{2}$ hour = 30 min	$\frac{1}{4}$ hour = 15 min	$\frac{1}{3}$ hour = 20 min
1 min = 60 sec	2 min = 120 sec	3 min = 180 sec
$\frac{1}{2}$ min = 30 sec	$\frac{1}{4}$ min = 15 sec	$\frac{1}{3}$ min = 20 sec

Exercises

[A] : Choose The Correct Answer : -

1	The unit of measuring time is .... (gram **or** hour **or** degree)
2	The period time is measured by .... (degrees **or** kilogram **or** minutes)
3	The number of the year's days = ... days. (305 **or** 365 **or** 100)
4	The number of days in a year is .... days. (360 **or** 365 **or** 370)
5	The number of months of the year = ... months. (5 **or** 12 **or** 10)
6	Two years = ... months. (7 **or** 12 **or** 24)
7	One year and 2 months = ... months. (12 **or** 14 **or** 15)
8	One year and quarter year = ... months. (12 **or** 14 **or** 15)
9	One year and 3 months = ... months. (20 **or** 40 **or** 15)
10	One year and 5 months = ... months. (13 **or** 15 **or** 17)
11	Two years and one month = ... months. (12 **or** 24 **or** 25)
12	Two years and a month = ... months. (12 **or** 24 **or** 25)
13	The month that has 28 days is .... (February **or** January **or** August)
14	The last month in the A.D. calendar is .... (January **or** October **or** December)
15	The week = ... days. (4 **or** 5 **or** 6 **or** 7)
16	Two weeks = ... days. (7 **or** 14 **or** 21 **or** 35)
17	3 weeks = ... days. (7 **or** 14 **or** 21)
18	5 weeks = ... days. (35 **or** 15 **or** 20)

19	One day = ... hours.	(7 ***or*** 14 ***or*** 24)
20	The day = ... hours.	(24 ***or*** 12 ***or*** 16)
21	Half of a day = ... hours.	(30 ***or*** 12 ***or*** 6)
22	Two days and two hours = ... hours.	(48 ***or*** 50 ***or*** 120)
23	1 day .... 40 hours.	(> ***or*** < ***or*** =)
24	30 hours = one day and .... hours.	(4 ***or*** 5 ***or*** 6)
25	26 hours = one day and .... hours.	(2 ***or*** 6 ***or*** 8 ***or*** 24)
26	30 hours .... 2 days.	(< ***or*** > ***or*** =)
27	1 hour = ... minutes.	(30 ***or*** 60 ***or*** 10)
28	2 hours = ... minutes.	(60 ***or*** 100 ***or*** 120)
29	$\frac{1}{2}$ hour = ... minutes.	(15 ***or*** 20 ***or*** 30)
30	One hour and half = ... minutes.	(60 ***or*** 90 ***or*** 120)
31	Two hours and a quarter = ... minutes.	(115 ***or*** 215 ***or*** 135)
32	One hour and 30 minutes = ... minutes.	(30 ***or*** 60 ***or*** 90 ***or*** 150)
33	1 hour and 20 minutes ☐ 80 minutes.	(< ***or*** > ***or*** =)
34	It's ten to seven in digits is	(7 : 10 ***or*** 6 : 50 ***or*** 10 : 07)
35	What is the time ? It is .... o'clock.	(12 ***or*** 6 ***or*** 3 ***or*** 5)
36	It's	(4 o'clock ***or*** 5 to 4 ***or*** half past 4)
37	The time is	(5 o'clock ***or*** 5 minutes to 5 ***or*** 5 minutes past 5)

38	It's .... (6 o'clock *or* 5 to 6 *or* 5 past 6)
39	Telling the time .... (6 o'clock *or* 5 minutes to 6 *or* 5 minutes past 6)
40	The telling time of is .... a. quarter past seven. b. thirty five past three. c. seven o'clock.
41	The time shown in the opposite clock is .... (three o'clock *or* half past seven *or* two o'clock)
42	The time on the opposite watch is .... (10 o'clock *or* quarter to 10 *or* 9 o'clock *or* quarter past 10)
43	The human temperature is measured by using the .... (metre *or* thermometer *or* centimetre)
44	The temperature is measured by using .... (ruler *or* thermometer *or* protractor)
45	The human body temperature is measured by .... (metre *or* hours *or* thermometer)
46	The normal human body temperature is .... C (70° *or* 30° *or* 37°)
47	The normal human's temperature is .... C (70° *or* 30° *or* 37°)
48	The normal body temperature is .... °C (20 *or* 100 *or* 37)

49	The temperature degree of the normal human is .... C (35° *or* 37° *or* 42° *or* 73°)
50	The temperature degree of the normal human is .... °C (70 *or* 37 *or* 47)
51	The temperature of the normal human = ...°C (35 *or* 36 *or* 37)

[B] : Complete the Following : -

1	12 months = ... year.
2	One year and 6 months = ... months.
3	Two years = ... months.
4	One day = ... hours.
5	The day = ... hours.
6	$\frac{1}{2}$ of a day = ... hours.
7	5 weeks = ... days.
8	4 weeks = ... days.
9	Half an hour = ... minutes.
10	One hour and 25 minutes = ... minutes.
11	100 minutes = ... hour and .... minutes.
12	75 minutes = one hour and a .... of an hour.
13	The telling time of the opposite watch is ....
14	The temperature at which water boils is .... °C

15 The time on the opposite watch is ....

16 It's ....

17 The telling time of the opposite watch is ....

[C] : Essay Problems : -

1 Arrange the following in an ascending order :

Two days and two hours , 48 hours , 5 days

The ascending order is : .... , ... , ...

2 ***Arrange the following in an ascending order :***

One month , 24 days and 24 hours

The order is : .... , ... and ....

3 ***Arrange in an ascending order :***

2 km. , 3 500 m. , $\frac{1}{2}$ km. and 2 550 m.

The order is : .... , ... , ... and ....

4 Draw the two hands :

It's a quarter past 5

Homework

[A] : Choose The Correct Answer : -

1	One year and 2 months = ... months. (12 **or** 14 **or** 15)
2	The last month in the A.D. calendar is .... (January **or** October **or** December)
3	Half of a day = ... hours. (30 **or** 12 **or** 6)
4	2 hours = ... minutes. (60 **or** 100 **or** 120)
5	What is the time ? It is .... o'clock. (12 **or** 6 **or** 3 **or** 5)
6	The time on the opposite watch is .... (10 o'clock **or** quarter to 10 **or** 9 o'clock **or** quarter past 10)
7	The temperature degree of the normal human is .... C (35° **or** 37° **or** 42° **or** 73°)
8	Two years = ... months. (7 **or** 12 **or** 24)
9	The month that has 28 days is .... (February **or** January **or** August)
10	The day = ... hours. (24 **or** 12 **or** 16)
11	1 hour = ... minutes. (30 **or** 60 **or** 10)
12	It's ten to seven in digits is .... (7 : 10 **or** 6 : 50 **or** 10 : 07)
13	The time shown in the opposite clock is .... (three o'clock **or** half past seven **or** two o'clock)

14	The normal body temperature is .... °C (20 ***or*** 100 ***or*** 37)
15	The number of months of the year = ... months. (5 ***or*** 12 ***or*** 10)
16	Two years and a month = ... months. (12 ***or*** 24 ***or*** 25)
17	One day = ... hours. (7 ***or*** 14 ***or*** 24)
18	30 hours .... 2 days. (< ***or*** > ***or*** =)
19	1 hour and 20 minutes ☐ 80 minutes. (< ***or*** > ***or*** =)
20	The telling time of [clock] is .... a. quarter past seven. b. thirty five past three. c. seven o'clock.
21	The normal human's temperature is .... C (70° ***or*** 30° ***or*** 37°)
22	The number of days in a year is .... days. (360 ***or*** 365 ***or*** 370)
23	Two years and one month = ... months. (12 ***or*** 24 ***or*** 25)
24	5 weeks = ... days. (35 ***or*** 15 ***or*** 20)
25	26 hours = one day and .... hours. (2 ***or*** 6 ***or*** 8 ***or*** 24)
26	One hour and 30 minutes = ... minutes. (30 ***or*** 60 ***or*** 90 ***or*** 150)
27	Telling the time [clock] .... (6 o'clock ***or*** 5 minutes to 6 ***or*** 5 minutes past 6)
28	The normal human body temperature is .... C (70° ***or*** 30° ***or*** 37°)
29	The number of the year's days = ... days. (305 ***or*** 365 ***or*** 100)
30	One year and 5 months = ... months. (13 ***or*** 15 ***or*** 17)
31	3 weeks = ... days. (7 ***or*** 14 ***or*** 21)

32	30 hours = one day and …………… hours. (4 **or** 5 **or** 6)
33	Two hours and a quarter = …………… minutes. (115 **or** 215 **or** 135)
34	It's …………… (6 o'clock **or** 5 to 6 **or** 5 past 6)
35	The human body temperature is measured by …………… (metre **or** hours **or** thermometer)
36	The period time is measured by …………… (degrees **or** kilogram **or** minutes)
37	One year and 3 months = …………… months. (20 **or** 40 **or** 15)
38	Two weeks = …………… days. (7 **or** 14 **or** 21 **or** 35)
39	1 day …………… 40 hours. (> **or** < **or** =)
40	One hour and half = …………… minutes. (60 **or** 90 **or** 120)
41	The time is …………… (5 o'clock **or** 5 minutes to 5 **or** 5 minutes past 5)
42	The temperature is measured by using …………… (ruler **or** thermometer **or** protractor)
43	The temperature of the normal human = ……………°C (35 **or** 36 **or** 37)
44	One year and quarter year = …………… months. (12 **or** 14 **or** 15)
45	The week = …………… days. (4 **or** 5 **or** 6 **or** 7)
46	Two days and two hours = …………… hours. (48 **or** 50 **or** 120)
47	$\frac{1}{2}$ hour = …………… minutes. (15 **or** 20 **or** 30)
48	It's …………… (4 o'clock **or** 5 to 4 **or** half past 4)
49	The human temperature is measured by using the …………… (metre **or** thermometer **or** centimetre)

50	The unit of measuring time is .... (gram **or** hour **or** degree)
51	The temperature degree of the normal human is .... °C (70 **or** 37 **or** 47)

[B] : Complete the Following : -

1	5 weeks = ... days.
2	The temperature at which water boils is .... °C
3	$\frac{1}{2}$ of a day = ... hours.
4	The telling time of the opposite watch is ....
5	The day = ... hours.
6	75 minutes = one hour and a .... of an hour.
7	One day = ... hours.
8	100 minutes = ... hour and .... minutes.
9	Two years = ... months.
10	One hour and 25 minutes = ... minutes.
11	12 months = ... year.
12	The telling time of the opposite watch is ....
13	One year and 6 months = ... months.
14	Half an hour = ... minutes.

15	It's ……………
16	4 weeks = …………… days.
17	The time on the opposite watch is ……………

[C] : Essay Problems : -

1	Draw the two hands : It's a quarter past 5
2	***Arrange in an ascending order :*** 2 km. , 3 500 m. , $\frac{1}{2}$ km. and 2 550 m. The order is : …………… , …………… , …………… and ……………
3	Arrange the following in an ascending order : Two days and two hours , 48 hours , 5 days The ascending order is : …………… , …………… , ……………
4	***Arrange the following in an ascending order :*** One month , 24 days and 24 hours The order is : ………………… , ………………… and …………………

Primary [3]

Math - Second Term

Unit [5] - Part [1]



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Primary [3] – Second Term – Unit [5] : Statistics and Probability

Lesson [1] : Representing Data

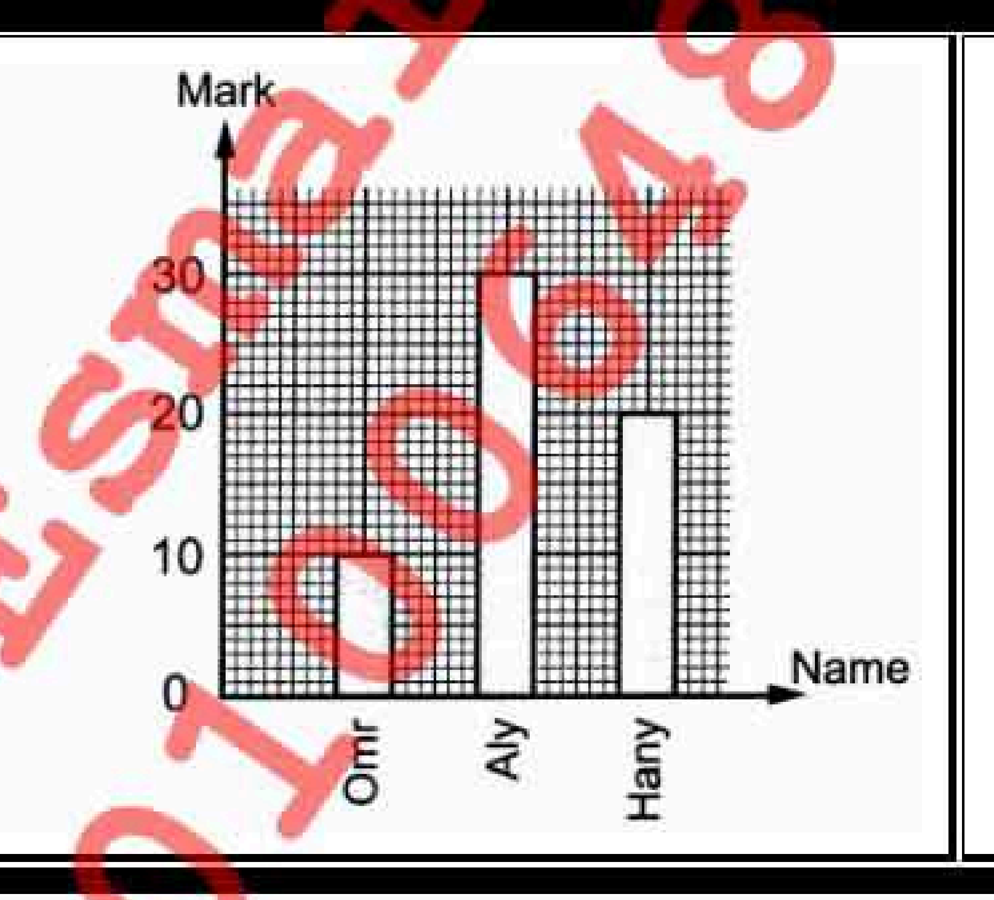
Exercises

[A] : Choose The Correct Answer : -

1 *From the opposite graph :*

Aly got .... marks.

(20 *or* 10 *or* 30)



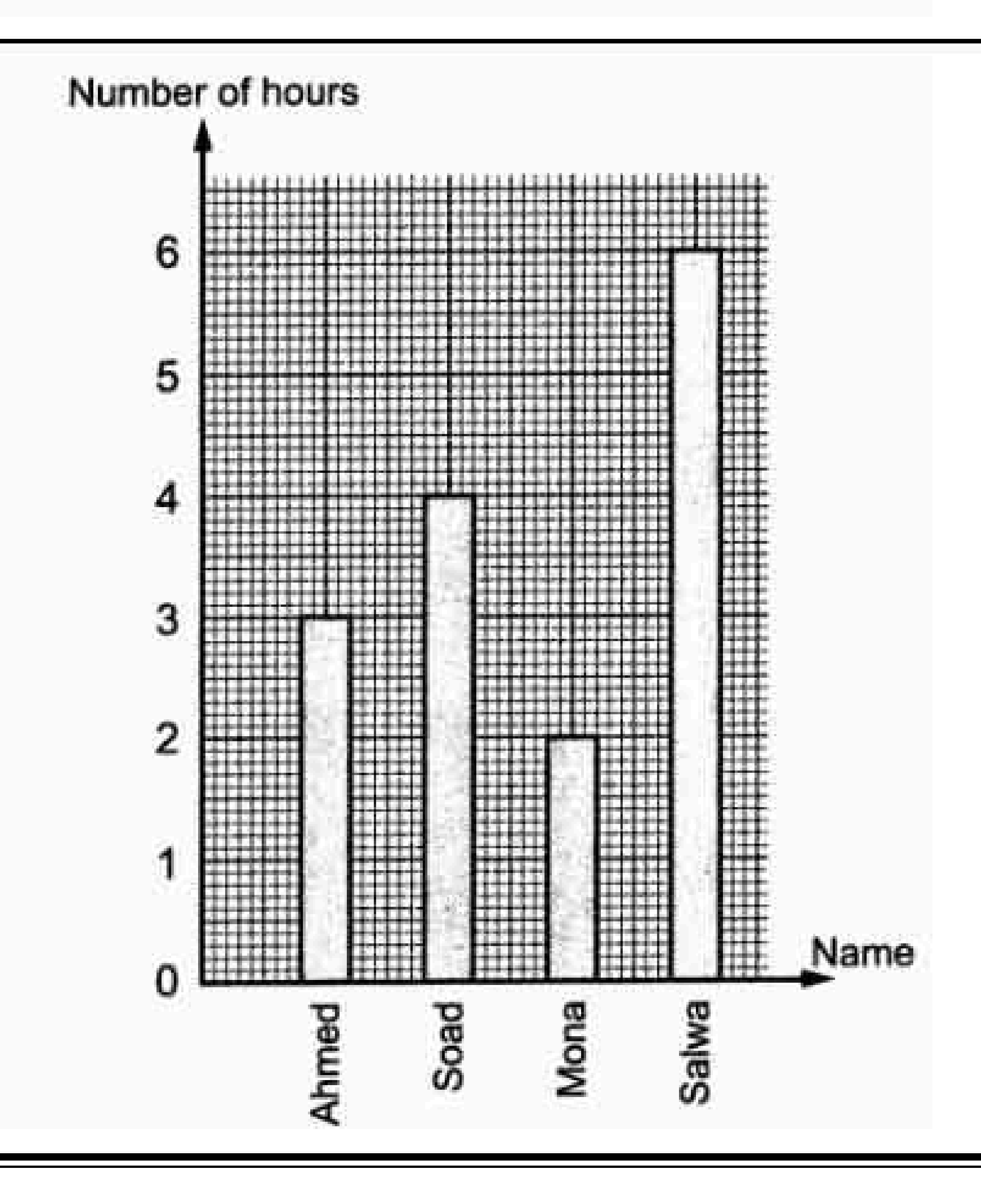
[B] : Complete the Following : -

1 The following temperatures recorded in one city during 6 days as follows :

Day	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
Temperatures	30°	29°	32°	39°	36°	31°

Then the day has the highest temperature is ....

2 The opposite figure shows the number of hours of studying for a group of pupils , study the figure , then the name of the pupil who study the greatest numbers of hours is ....

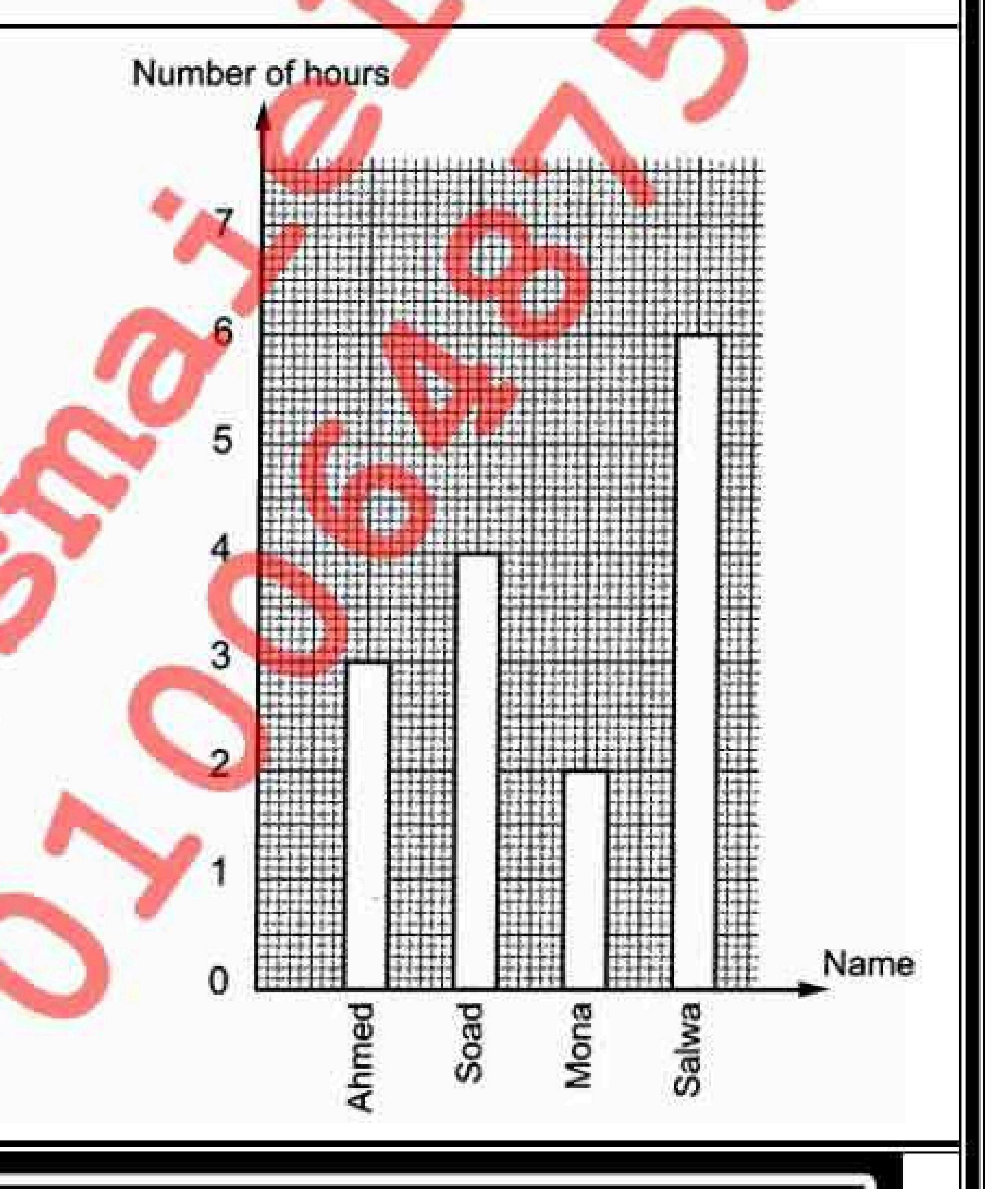


3 The following table shows the number of hours that some pupils study , the difference between the greatest and the smallest numbers of hours = ... hours.

The name	Mona	Ahmed	Salma	Mohamed
Number of hours	6	8	4	5

4 The opposite figure shows the number of hours of studying for a group of pupils , study the figure , then state the name of the pupil who study the greatest numbers of hours.

The pupil is ....

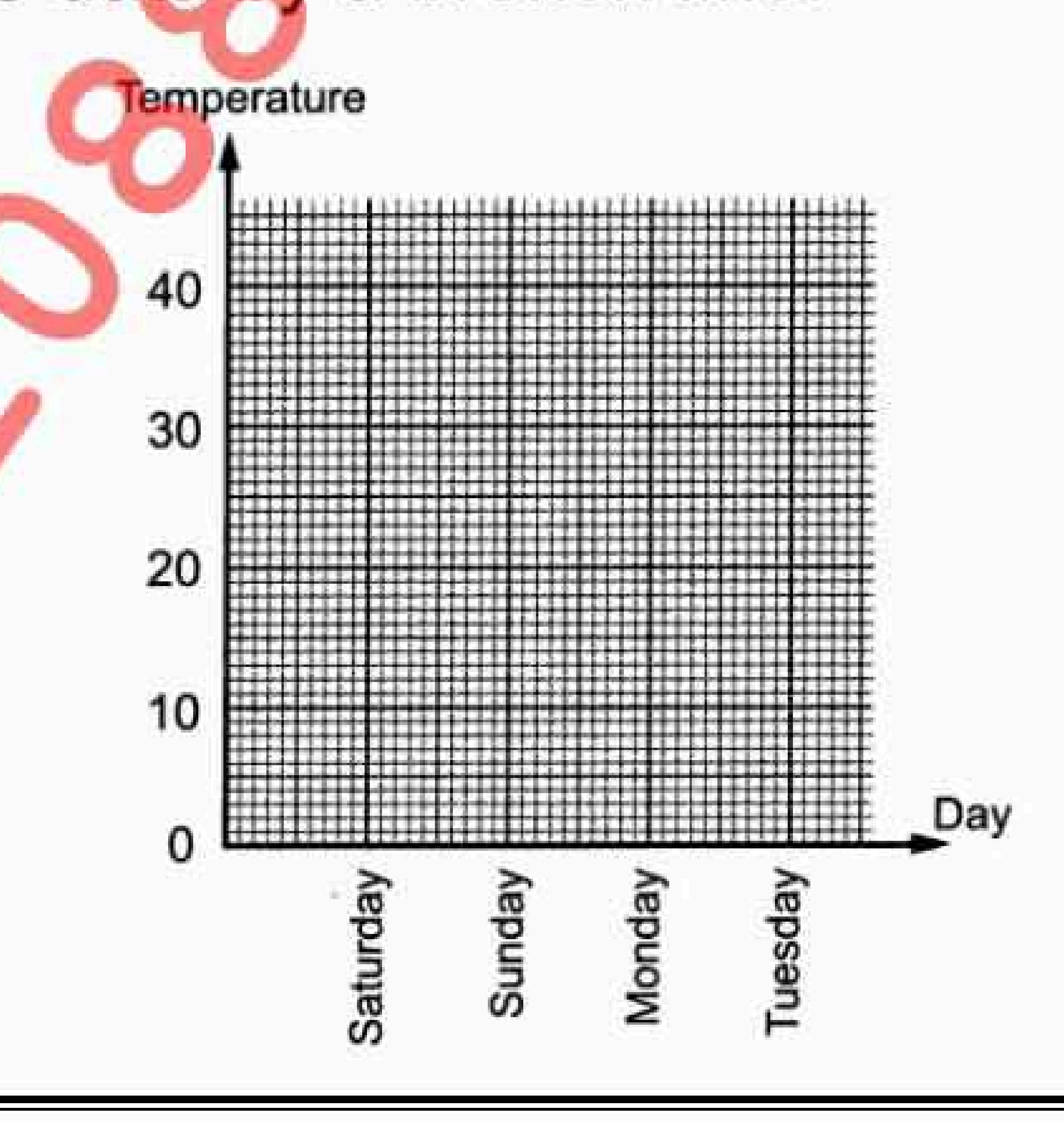


[C] : Essay Problems : -

1 ***The following table shows the temperature degrees recorded in 4 days :***

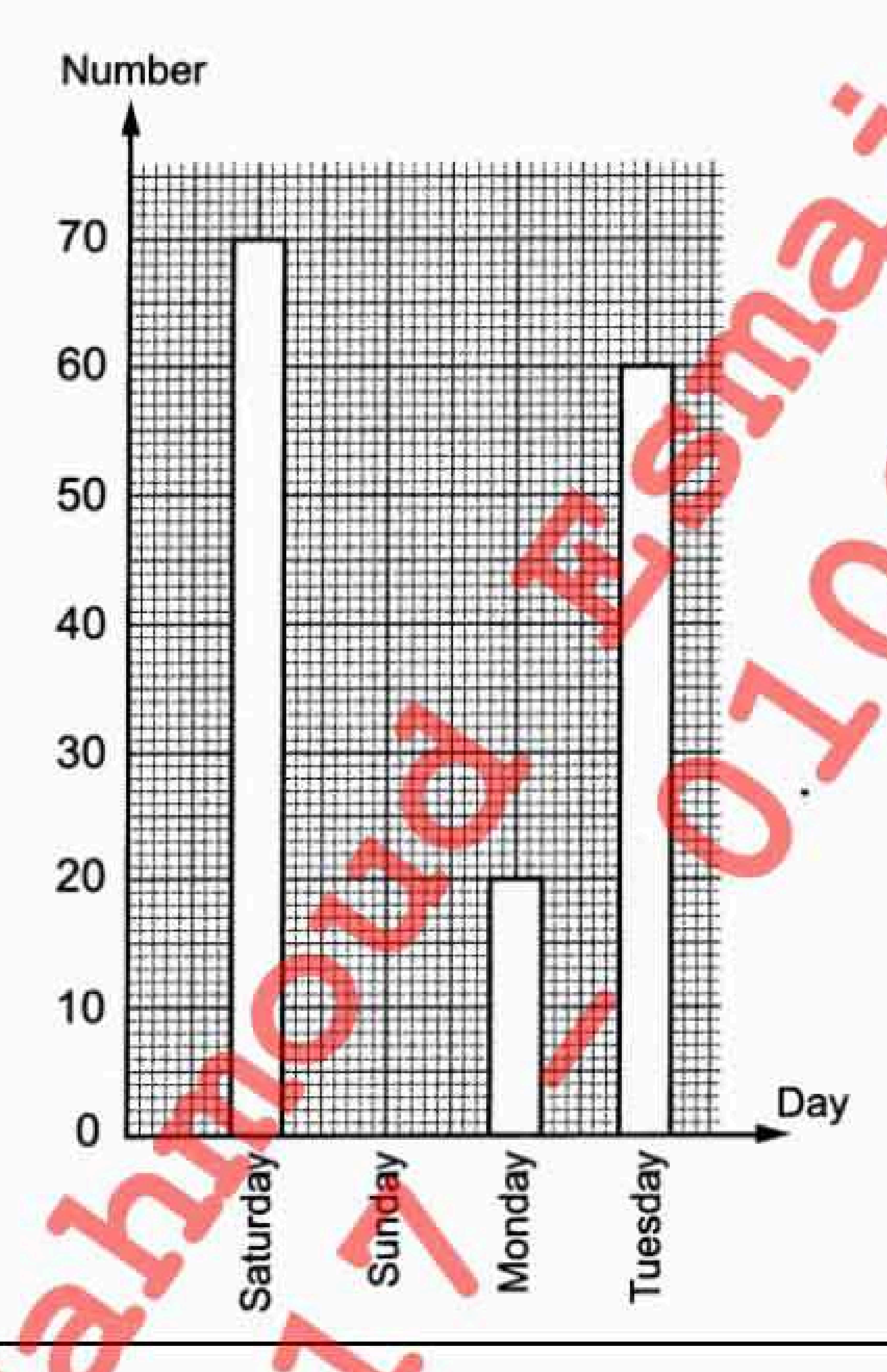
Day	Saturday	Sunday	Monday	Tuesday
Temperature	20	30	10	30

Represent these data by a broken line.



The following table shows the number of visitors to the zoo in 4 days , complete the table and the graph :

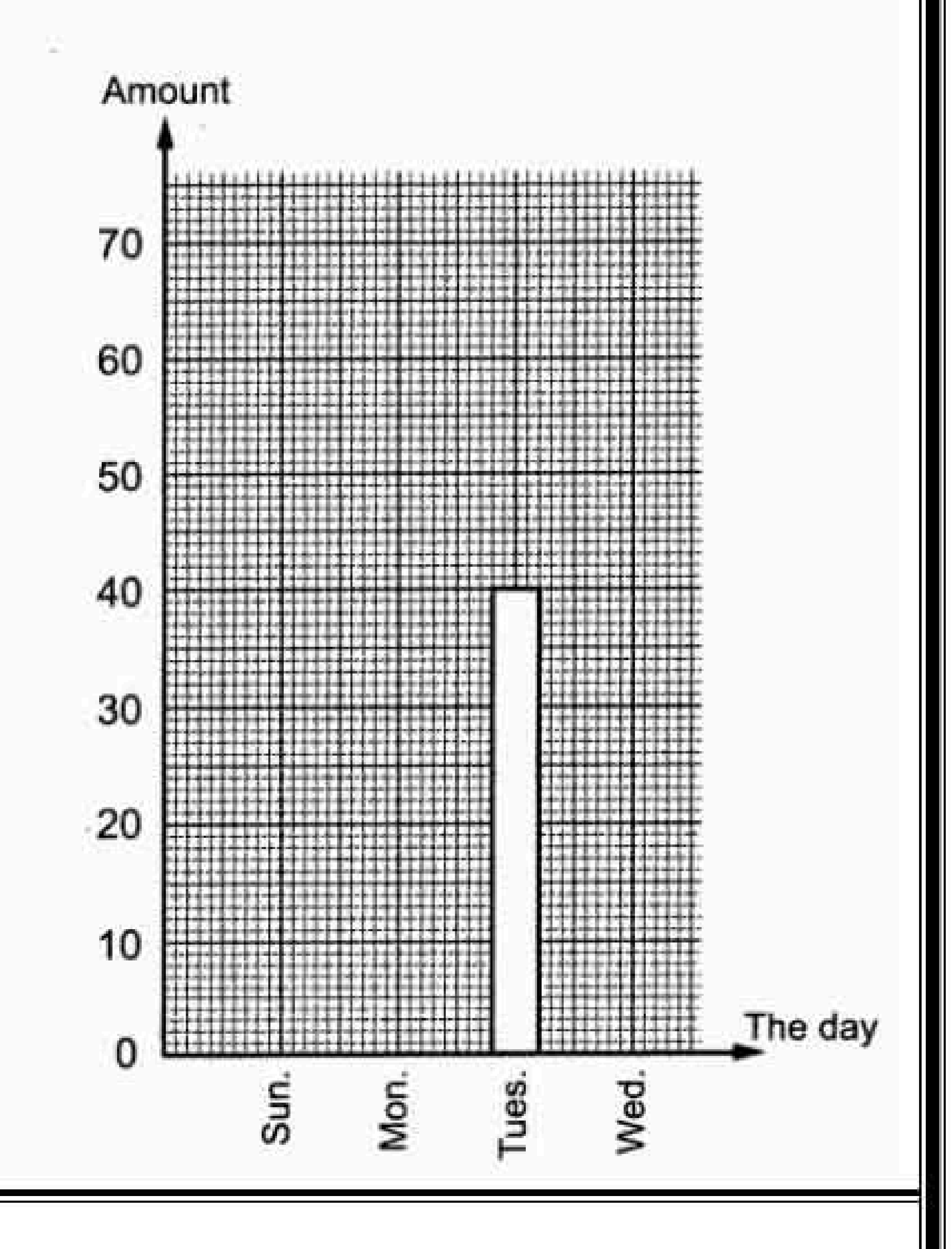
Day	Saturday	Sunday	Monday	Tuesday
Number	....	40	....	....



The following table and graph show the money saved by Ahmed during four days :

The day	Amount
Sunday	30
Monday	60
Tuesday	....
Wednesday	50

Complete the table and represent these data by bar lines.



The opposite graph represents the marks of four pupils in math exam , look at the graph and complete the table :

Pupil	Ahmed	Omar	Sarah	Hana
Mark	....	....	....	....

Mark
20
15
10
5
0
Pupil
Ahmed
Omar
Sarah
Hana

20 ***The following table shows the temperature degrees for 4 days :***

Days	Temperature
Sunday	20°
Monday	10°
Tuesday	30°
Wednesday	20°

Represent these data by a broken line.

Temperature
50
40
30
20
10
0
Days
Sun.
Mon.
Tue.
Wed.

35 ***The following table shows the marks of some pupils in maths in one month :***

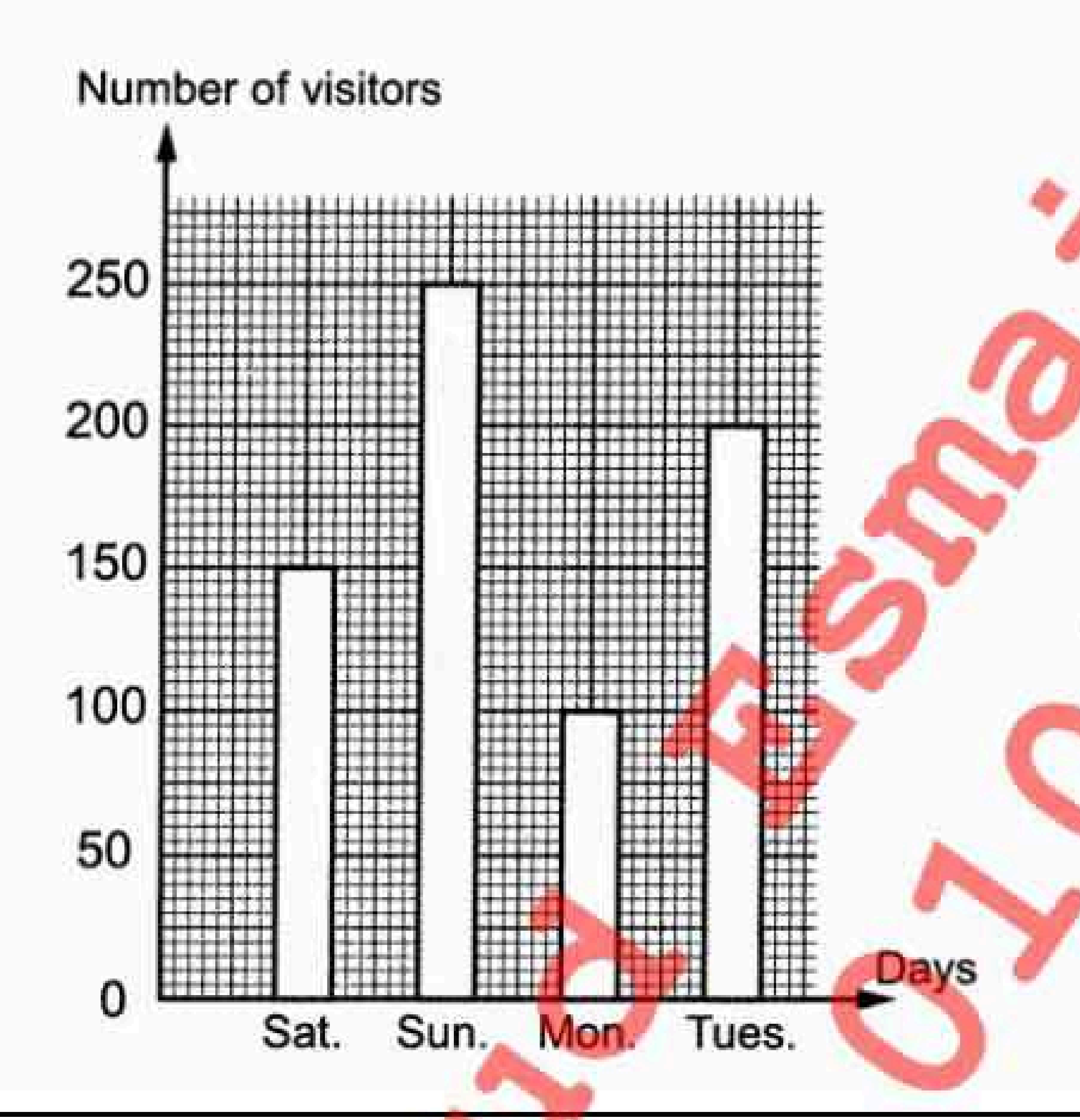
The name	The mark
Ahmed	25
Maha	30
Mai	20
Aly	35

Represent these data by a broken line.

The mark
35
30
25
20
15
10
5
0
The name
Ahmed
Maha
Mai
Aly

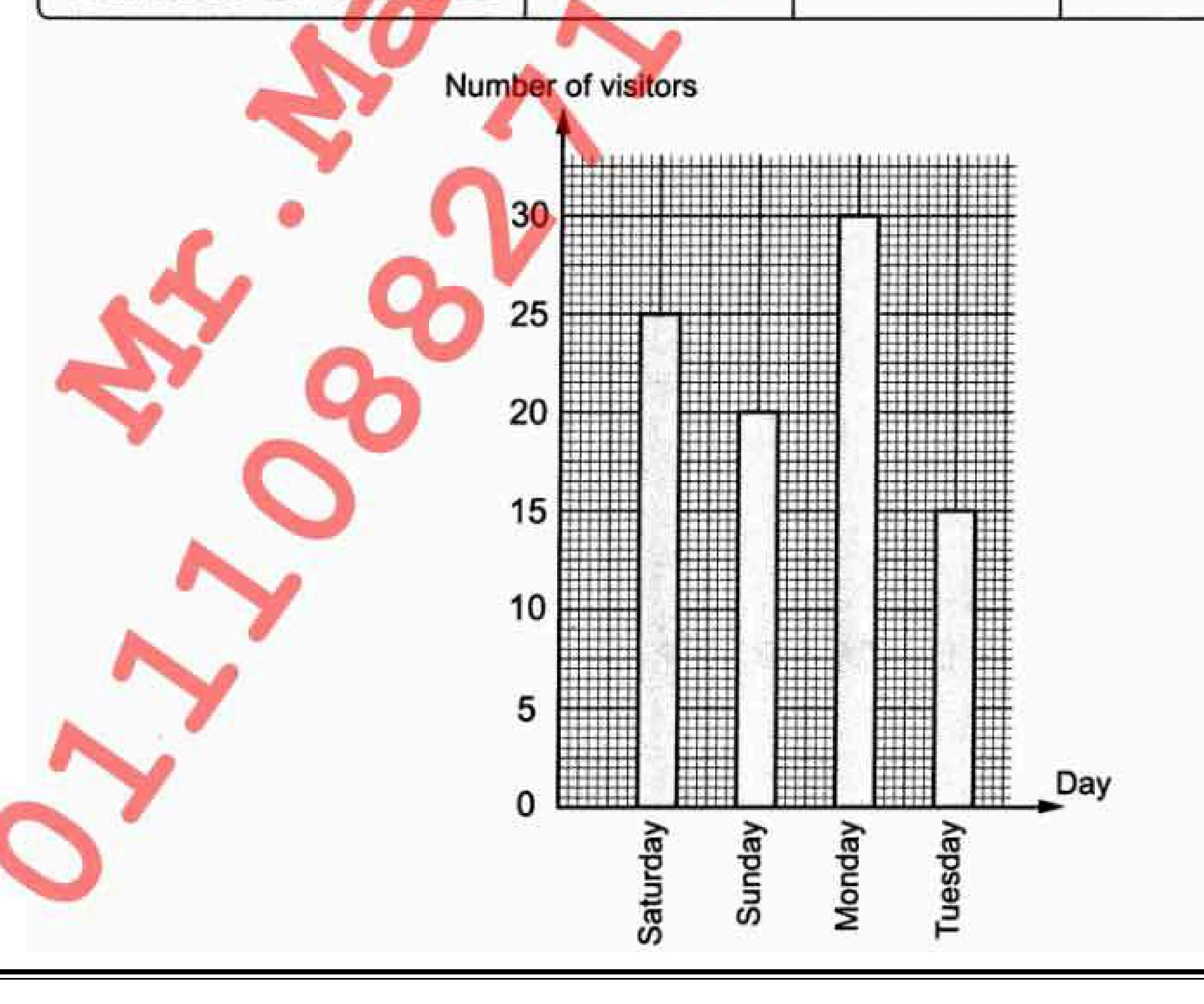
The following graph shows the number of visitors to the zoo , then complete the table :

Days	Sat.	Sun.	Mon.	Tues.
Number of visitors	....	....	....	....



The following graph represents number of the visitors to the zo during 4 days in the week , form the graph complete the table :

Day	Saturday	Sunday	Monday	Tuesday
Number of visitors	....	....	....	....



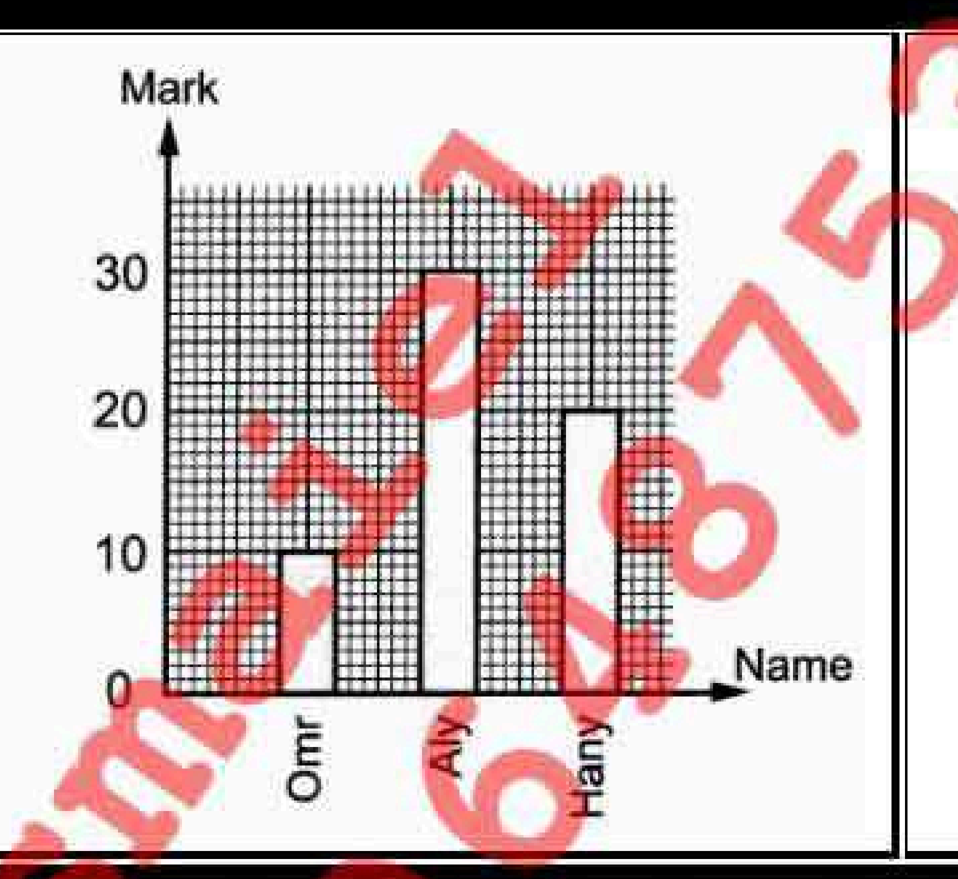
Homework

[A] : Choose The Correct Answer : -

1 *From the opposite graph :*

Aly got .... marks.

(20 *or* 10 *or* 30)



[B] : Complete the Following : -

1 The following table shows the number of hours that some pupils study , the difference between the greatest and the smallest numbers of hours = ... hours.

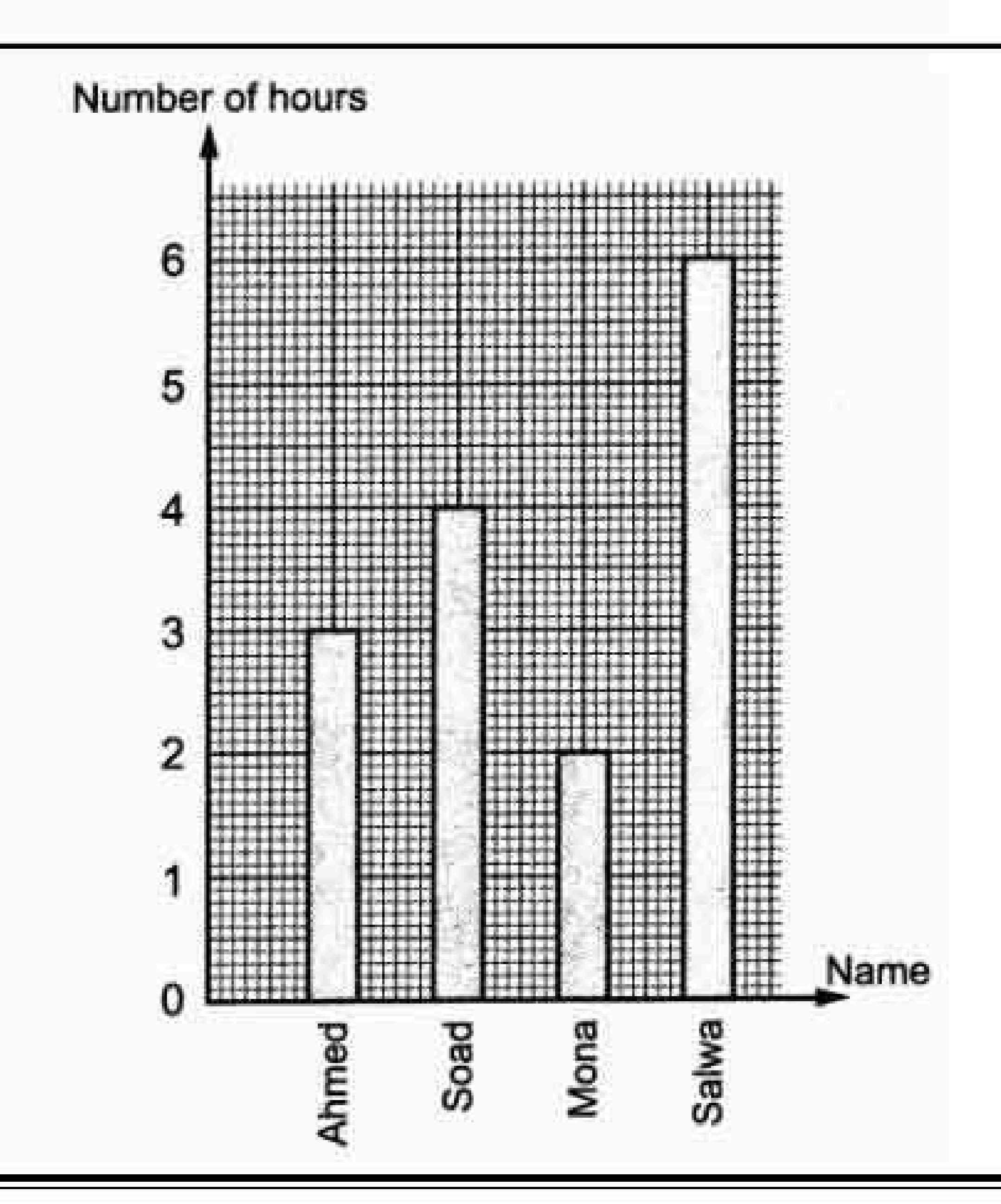
The name	Mona	Ahmed	Salma	Mohamed
Number of hours	6	8	4	5

2 The following temperatures recorded in one city during 6 days as follows :

Day	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
Temperatures	30°	29°	32°	39°	36°	31°

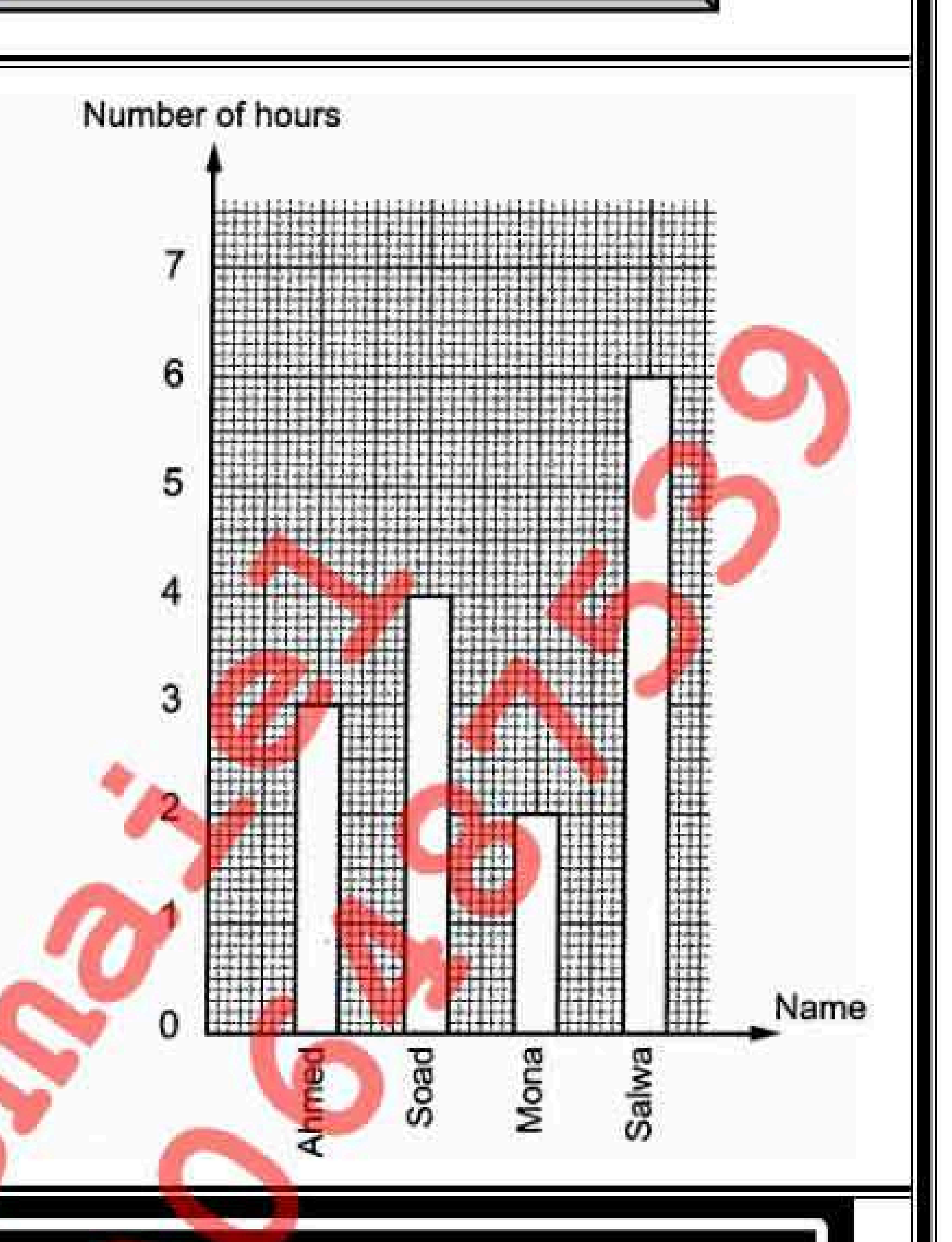
Then the day has the highest temperature is ....

3 The opposite figure shows the number of hours of studying for a group of pupils , study the figure , then the name of the pupil who study the greatest numbers of hours is ....



4 The opposite figure shows the number of hours of studying for a group of pupils , study the figure , then state the name of the pupil who study the greatest numbers of hours.

The pupil is ....

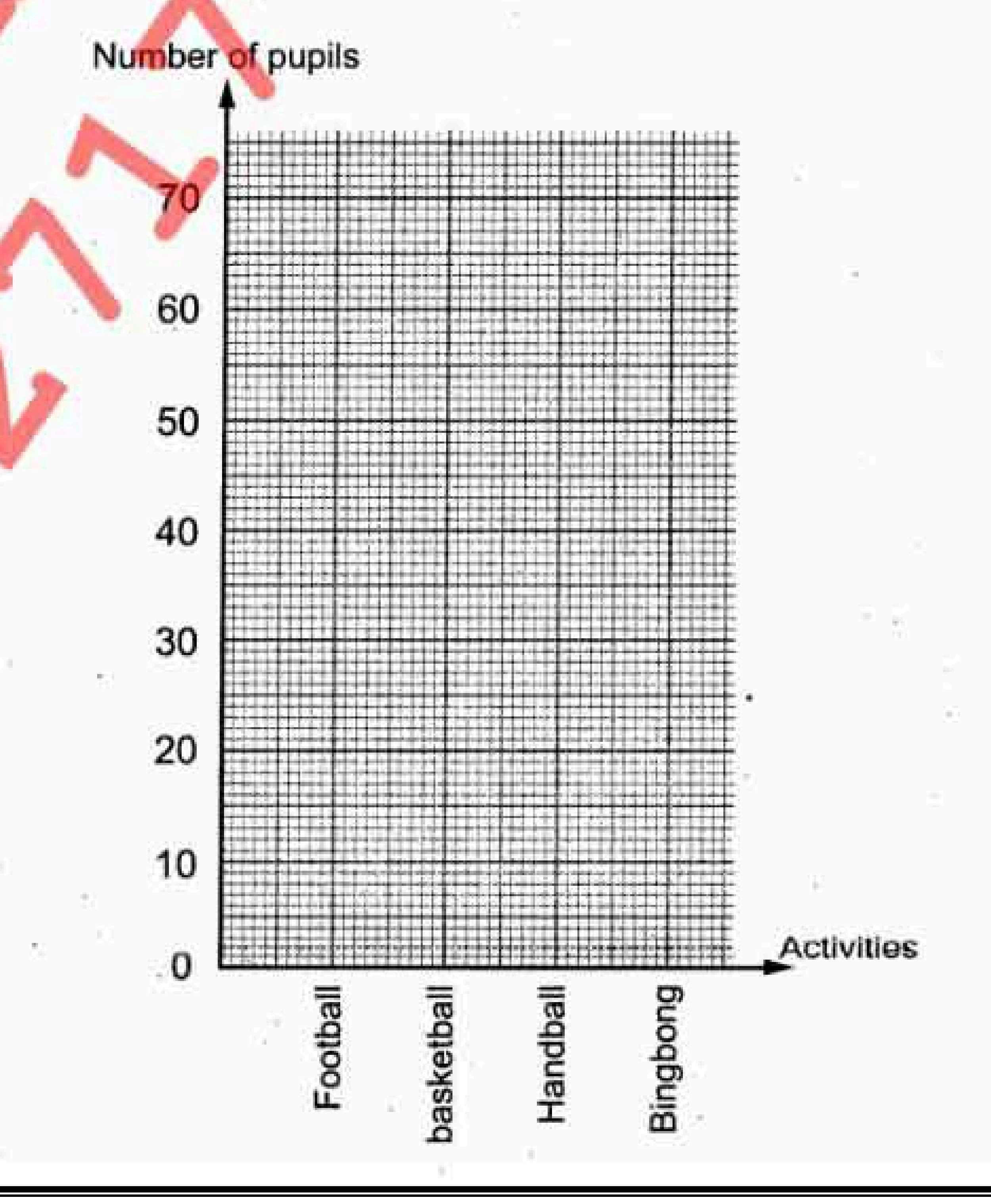


[C] : Essay Problems : -

1 ***The following table shows the numbers of pupils in sports activities :***

Activities	Football	Basketball	Handball	Bingbong
Number of pupils	60	40	30	50

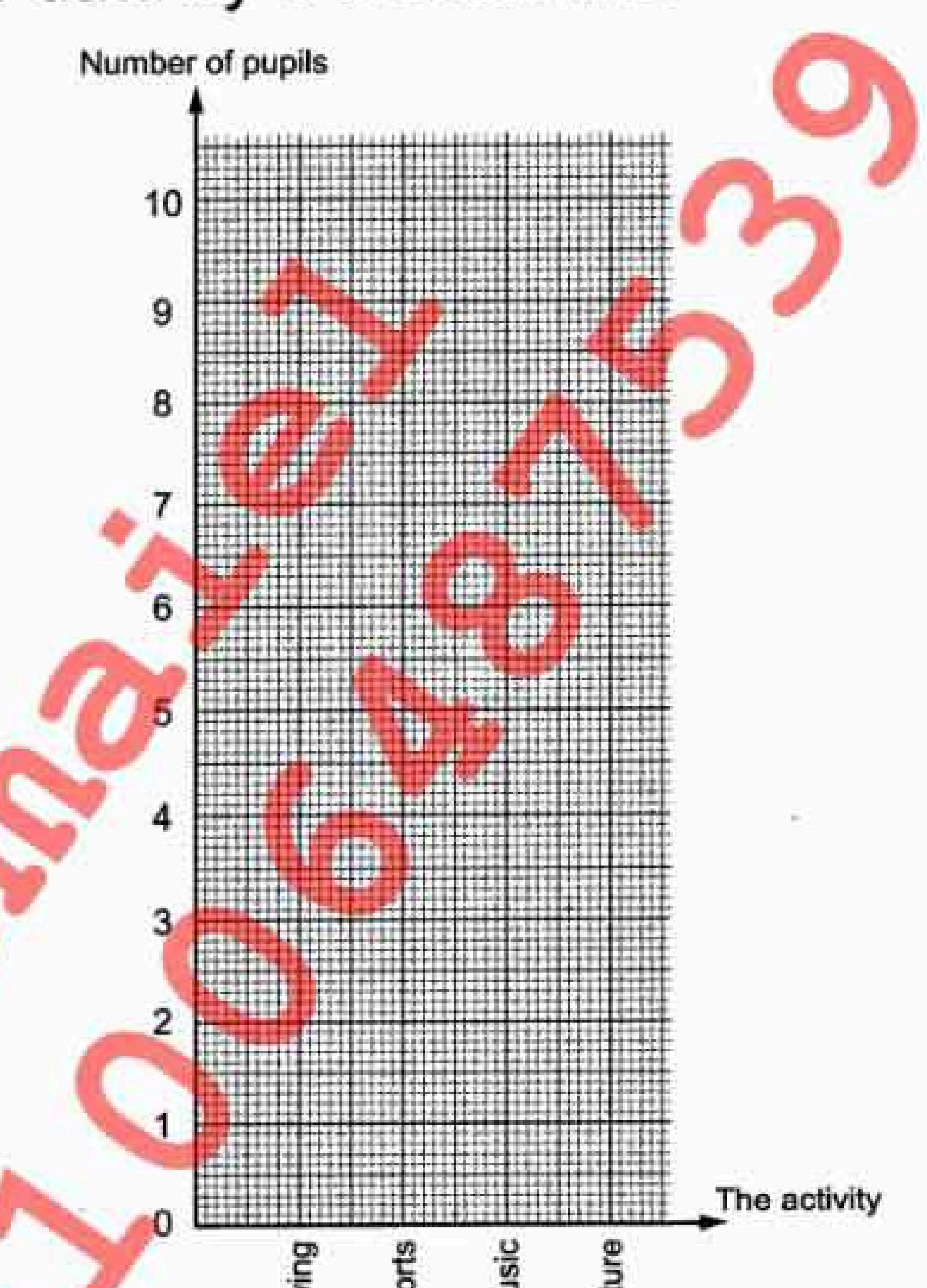
Represent these data by bar lines.



5

The following table shows the number of pupils who participated in school activity in one of the schools, represent these data by a broken line.

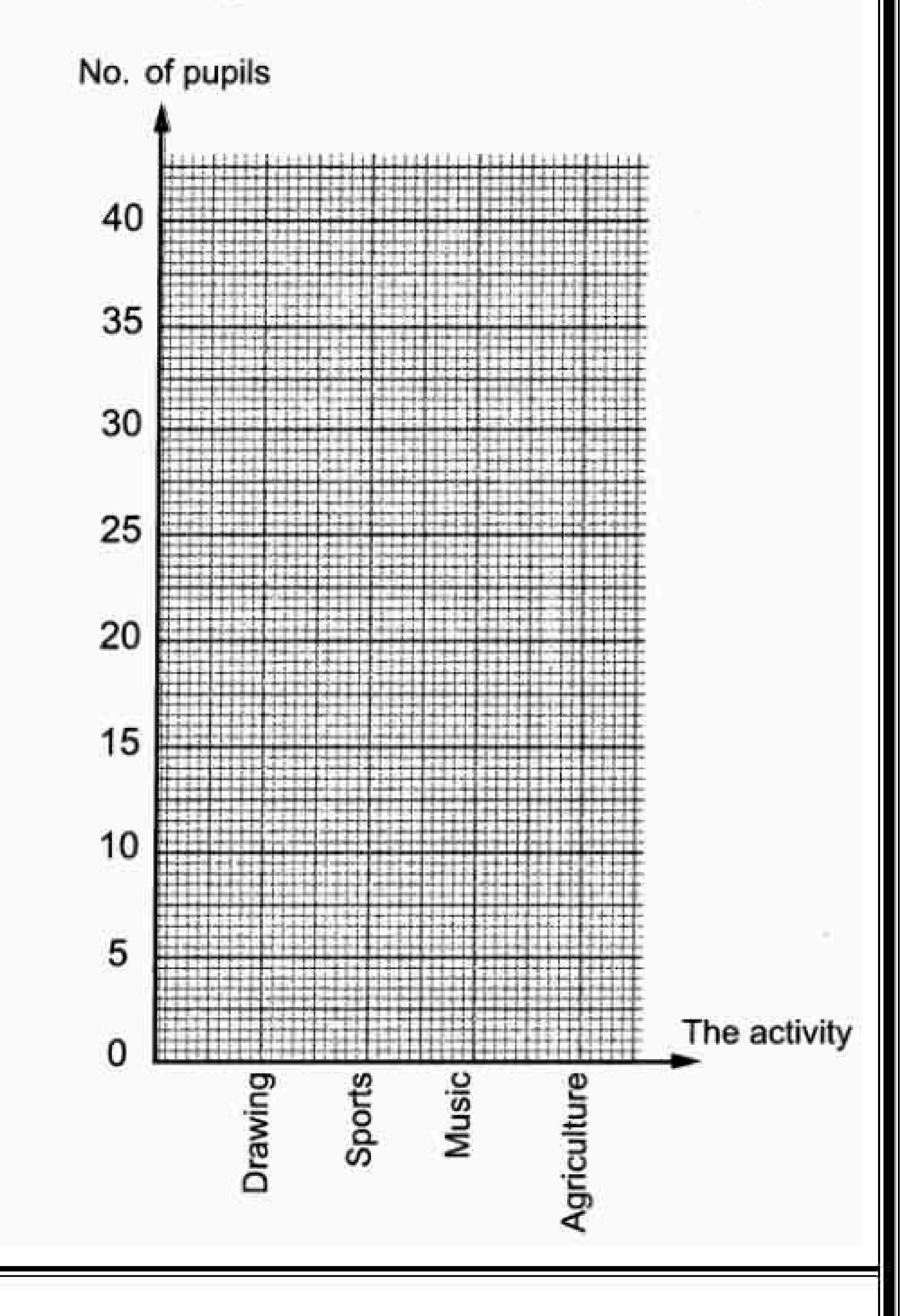
The activity	Number of pupils
Drawing	5
Sports	8
Music	10
Agriculture	3



15

The following table shows the number of pupils who participated in school activites , represent these data by a broken line :

The activity	No. of pupils
Drawing	15
Sports	35
Music	25
Agriculture	10



The order is : .... , ... , ... , ... and ....

6 ***The following table shows the marks of four pupils in English :***

Names	Sara	Seif	Maha	Reem
Marks	6	5	7	9

Represent these data by bar lines.

35 The following table shows the number of pupils who participated in school activity in one of the schools, represent these data by a broken line.

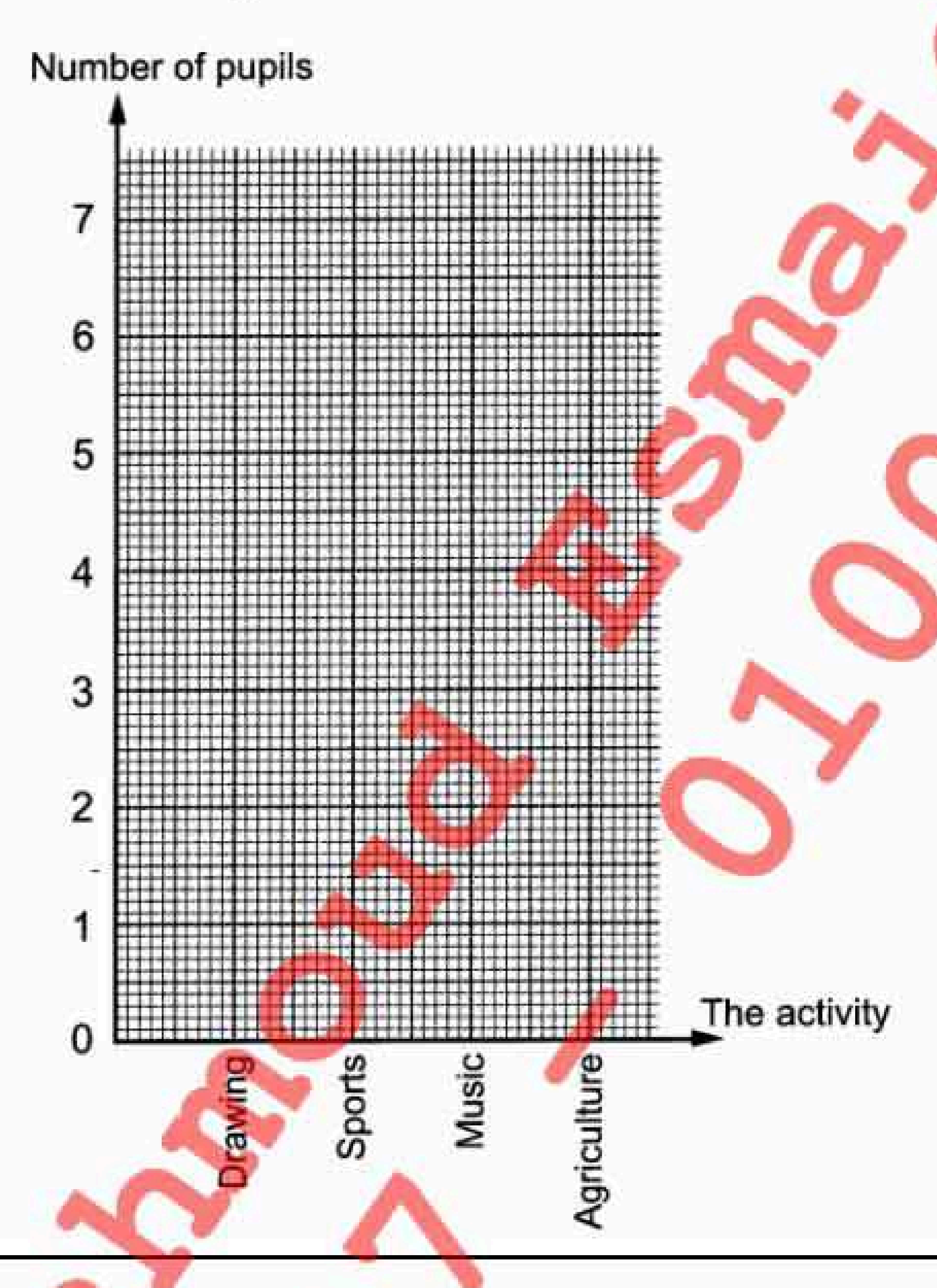
The activity	Number of pupils
Drawing	25
Cultural	15
Sports	35
Social	10

5

The following table shows the number of pupils who participated in activity in one of the schools :

The activity	Drawing	Sports	Music	Agriculture
Number of pupils	5	6	7	3

Represent these date by a broken line.

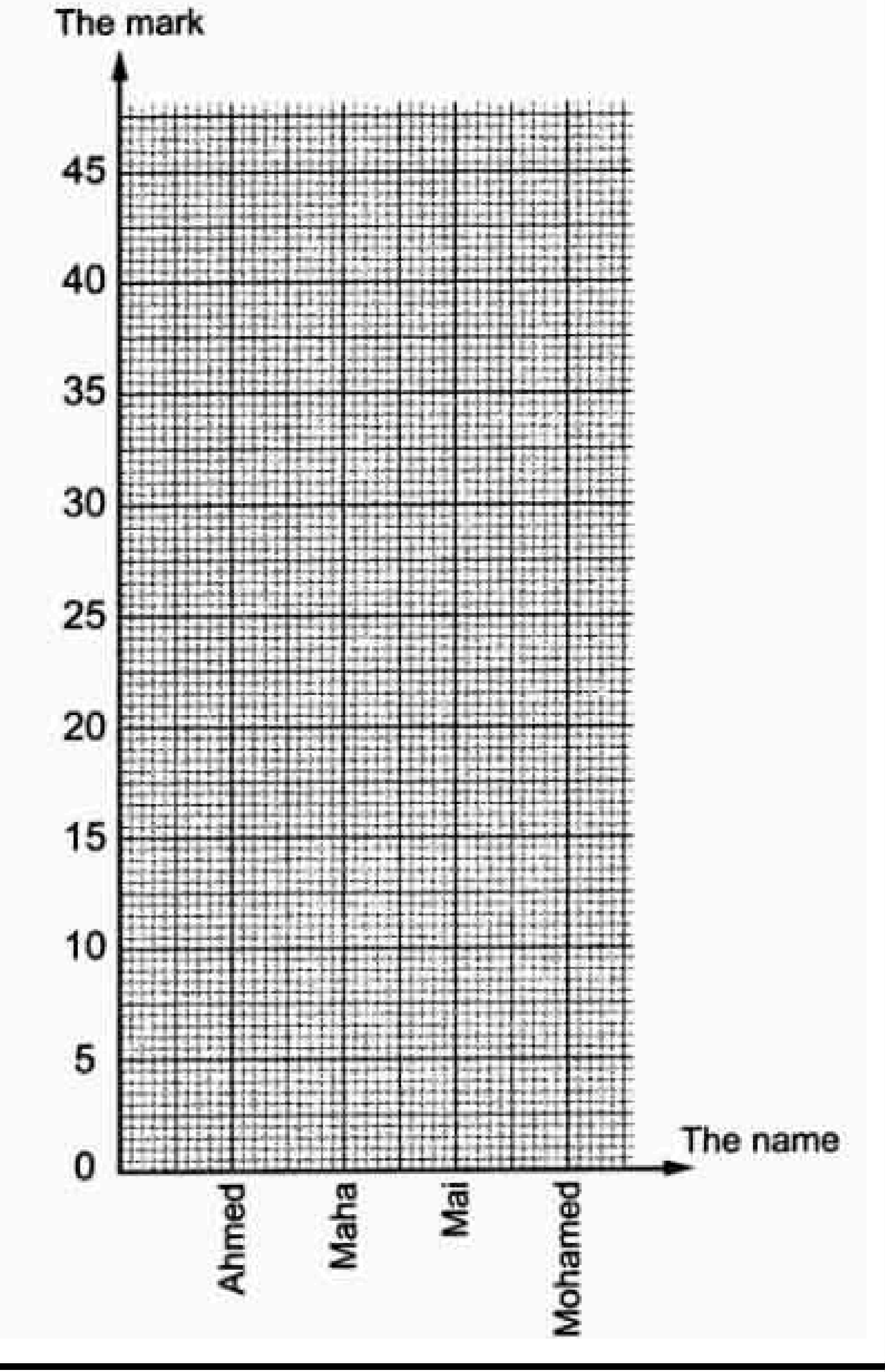


45

The following table shows the marks of some pupils in maths in one month :

The name	Ahmed	Maha	Mai	Mohamed
The mark	25	30	20	45

Represent these data by bar charts.



Primary [3]

Math - Second Term

Unit [5] - Part [2]



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الاســـم ....

Lesson [2] : Probability

Coin : -

S = { H (head) , T (tail) } , The probability of getting head or tail = $\frac{1}{2}$

Die or Dice : -

The numbers in die are { 1 , 2 , 3 , 4 , 5 , 6 }

Probability of getting an odd or even numbere when a de is tossed = $\frac{1}{2}$

Probability of getting (1 or 2 or 3 or 4 or 5 or 6) when a de is tossed = $\frac{1}{6}$

Probability of getting zero or any number greater than 6 when a de is tossed = 0

Remarks

[1] The probability of the impossible event = 0
[2] The probability of the certain or (sure) event = 1
[3] The probability of the possible event is between zero and 1 (fraction)
[4] The sum of probabilities of outcomes of all possible events = 1
[5] Even numbers = { 0 , 2 , 4 , 6 , 8 , 10 , 12 , 14 , ... }
[6] Odd Numbers = { 1 , 3 , 5 , 7 , 9 , 11 , 13 , 13 , 15 , ... }
[7] The bear or elephant will fly is impossible event
[8] the fish live in water is certain event
[9] It is impossible to rain gold
[10] The sun rises from the eat is an impossible event

Example [1]

A box contains 2 white balls , 3 red balls , one ball is drawn at random.

The probability that this ball is white = $\frac{\text{white number}}{\text{Total Number}} = \frac{2}{2+3} = \frac{2}{5}$

The probability that this ball is red = $\frac{\text{red number}}{\text{Total Number}} = \frac{3}{2+3} = \frac{3}{5}$

Example [2]

A box contains 10 symetric balls , 5 balls are white and rest is red , a ball is drawn randomly. then :

The probability that this ball is red = $\frac{\text{red number}}{\text{Total Number}} = \frac{10-5}{10} = \frac{5}{10} = \frac{5\times1}{5\times2} = \frac{1}{2}$

Example [3]

The probability of appearing a number less than 3 as throwing a fair die once =

then numbers less than 3 are 1 and 2 , then the probability = $\frac{2}{6} = \frac{2\times1}{2\times3} = \frac{1}{3}$

Exercises

[A] : Choose The Correct Answer : -

1	The probability of the certain event = ... (1 **or** half **or** zero)
2	The probability of impossible event = ... (0 **or** 1 **or** $\frac{1}{2}$)
3	The probability of the sure event = ... (1 **or** 2 **or** 0 **or** 3)
4	The bear will fly is .... event. (certain **or** possible **or** impossible)
5	It is .... that the elephant flies. (possible **or** impossible **or** certain)
6	It is .... that the fish live in water. (certain **or** impossible **or** possible)
7	It is .... to rain gold. (impossible **or** possible **or** certain)
8	The sun rises from the east is a .... event. (sure **or** possible **or** impossible)
9	It is a .... event that the sun rises in the east. (certain **or** possible **or** impossible)
10	The event of (the sun rises from the east) is .... event. (possible **or** impossible **or** certain)
11	The probability of getting a tail as throwing a fair coin once = ... (1 **or** zero **or** $\frac{1}{6}$ **or** $\frac{1}{2}$)
12	Appearing a tail when tossing a coin once is .... event. (certain **or** possible **or** impossible)
13	As tossing a coin once the probability of appearing a head is .... ($\frac{1}{2}$ **or** $\frac{1}{6}$ **or** 1)
14	As tossing a coin once the probability of appearing a tail is .... ($\frac{1}{2}$ **or** 1 **or** 0)
15	Three fifths = ... ($\frac{3}{5}$ **or** $\frac{5}{3}$ **or** $\frac{2}{5}$)

16	The probability of appearing a head as throwing a metallic coin once = ... (0 *or* 1 *or* $\frac{1}{2}$)
17	If we flip a coin once , then the probability of getting a head = ... (0 *or* $\frac{1}{4}$ *or* $\frac{1}{2}$ *or* 1)
18	The probability of getting an odd number when a die is tossed once = ... ($\frac{1}{6}$ *or* $\frac{1}{2}$ *or* 1)
19	The probability of appearing an odd number when a dice is thrown once is .... (1 *or* $\frac{1}{2}$ *or* zero)
20	The probability of appearance 2 on the upper face of a fair die is .... ($\frac{1}{2}$ *or* $\frac{1}{3}$ *or* $\frac{1}{6}$)
21	The probability of the appearance of the number 5 when throwing a fair die once = ... ($\frac{1}{6}$ *or* $\frac{2}{6}$ *or* $\frac{3}{6}$ *or* $\frac{5}{6}$)
22	The probability of the number 8 when tossing a die once = ... ($\frac{1}{8}$ *or* 1 *or* zero)
23	A box contains 2 white balls and 3 red balls, one ball is drawn randomly, then the probability of the drawn ball is white = ... ($\frac{2}{5}$ *or* $\frac{3}{5}$ *or* $\frac{2}{3}$ *or* $\frac{3}{2}$)
24	A box contains 3 red balls and 4 yellow balls. One ball is chosen randomly , then the probability of chosen ball is yellow = ... ($\frac{3}{7}$ *or* $\frac{4}{7}$ *or* $\frac{1}{7}$)
25	A box contains 10 symetric balls , 5 balls are white and the rest is red if a ball is drawn randomly , then the probability of the drawn ball is red = ... a. $\frac{1}{4}$ b. $\frac{1}{3}$ c. $\frac{1}{2}$
26	A bag contains 10 symmetrical balls , 5 of them are red and the rest is white , then the probability of the drawn ball is white is .... a. $\frac{1}{4}$ b. $\frac{1}{3}$ c. $\frac{1}{2}$
27	There are .... halves in a whole one. (2 *or* 3 *or* 4)
28	The denominator of fraction $\frac{7}{9}$ is .... (7 *or* 9 *or* 1)
29	Two thirds = ... ($\frac{3}{2}$ *or* 23 *or* $\frac{2}{3}$ *or* $2\frac{1}{3}$)

[B] : Complete the Following : -

1	The probability of the impossible event = ...
2	The sun rises from the east is certain ....
3	The probability of certain event = ...
4	The probability of sure event = ...
5	The probability of appearing a head when tossing a coin once = ...
6	As throwing a metallic coin once and observing the upper face , the probability of appearing a head = ...
7	The probability of appearing of an odd number when tossing a fair die once is ....
8	The probability of appearing a number less than 3 as throwing a fair die once = ...
9	A bag contains 7 white balls and 3 red balls , if a ball is drawn at random , then the probability of the drawn ball is red = ...
10	A box contains 10 symmetrical balls , 5 balls are white and the rest is red , if a ball is drawn randomly , then the probability of the drawn ball is red = ...
11	A bag contains 3 red balls and 7 black balls , if a ball is drawn at random , then the probability of the drawn ball is red = $\frac{\dots\dots}{\dots\dots}$
12	$\frac{3}{8} + \frac{4}{8} = \frac{\dots\dots}{\dots\dots}$
13	$\frac{7}{9} - \frac{5}{9} = \frac{\dots\dots}{9}$
14	$1 - \frac{1}{4} =$ ....
15	$1 - \frac{5}{9} =$ ....

Homework

[A] : Choose The Correct Answer : -

1	It is .... to rain gold. (impossible **or** possible **or** certain)
2	Five sixths = ... ($\frac{5}{6}$ **or** $\frac{6}{5}$ **or** $\frac{2}{6}$)
3	The probability of getting an odd number when a die is tossed once = ... ($\frac{1}{6}$ **or** $\frac{1}{2}$ **or** 1)
4	A box contains 10 symetric balls , 5 balls are white and the rest is red if a ball is drawn randomly , then the probability of the drawn ball is red = ... a. $\frac{1}{4}$ b. $\frac{1}{3}$ c. $\frac{1}{2}$
5	It is .... that the fish live in water. (certain **or** impossible **or** possible)
6	As tossing a coin once the probability of appearing a head is .... ($\frac{1}{2}$ **or** $\frac{1}{6}$ **or** 1)
7	If we flip a coin once , then the probability of getting a head = ... (0 **or** $\frac{1}{4}$ **or** $\frac{1}{2}$ **or** 1)
8	A box contains 3 red balls and 4 yellow balls. One ball is chosen randomly , then the probability of chosen ball is yellow = ... ($\frac{3}{7}$ **or** $\frac{4}{7}$ **or** $\frac{1}{7}$)
9	It is .... that the elephant flies. (possible **or** impossible **or** certain)
10	Appearing a tail when tossing a coin once is .... event. (certain **or** possible **or** impossible)
11	The probability of appearing a head as throwing a metallic coin once = ... (0 **or** 1 **or** $\frac{1}{2}$)
12	The probability of the certain event = ... (1 **or** half **or** zero)
13	A box contains 2 white balls and 3 red balls, one ball is drawn randomly, then the probability of the drawn ball is white = ... ($\frac{2}{5}$ **or** $\frac{3}{5}$ **or** $\frac{2}{3}$ **or** $\frac{3}{2}$)

14	The bear will fly is .... event. (certain **or** possible **or** impossible)
15	The probability of getting a tail as throwing a fair coin once = ... (1 **or** zero **or** $\frac{1}{6}$ **or** $\frac{1}{2}$)
16	As tossing a coin once the probability of appearing a tail is .... ($\frac{1}{2}$ **or** 1 **or** 0)
17	The probability of the number 8 when tossing a die once = ... ($\frac{1}{8}$ **or** 1 **or** zero)
18	The probability of the sure event = ... (1 **or** 2 **or** 0 **or** 3)
19	The event of (the sun rises from the east) is .... event. (possible **or** impossible **or** certain)
20	Four sevenths = ... ($\frac{4}{7}$ **or** $\frac{7}{4}$ **or** $\frac{2}{7}$)
21	The probability of the appearance of the number 5 when throwing a fair die once = ... ($\frac{1}{6}$ **or** $\frac{2}{6}$ **or** $\frac{3}{6}$ **or** $\frac{5}{6}$)
22	The probability of impossible event = ... (0 **or** 1 **or** $\frac{1}{2}$)
23	It is a .... event that the sun rises in the east. (certain **or** possible **or** impossible)
24	Four fifths = ... ($\frac{3}{5}$ **or** $\frac{5}{4}$ **or** $\frac{6}{7}$ **or** $\frac{4}{5}$)
25	The probability of appearance 2 on the upper face of a fair die is .... ($\frac{1}{2}$ **or** $\frac{1}{3}$ **or** $\frac{1}{6}$)
26	The sun rises from the east is a .... event. (sure **or** possible **or** impossible)
27	Five ninths = ... ($\frac{9}{5}$ **or** $\frac{5}{9}$ **or** $\frac{5}{3}$)
28	The probability of appearing an odd number when a dice is thrown once is .... (1 **or** $\frac{1}{2}$ **or** zero)
29	A bag contains 10 symmetrical balls , 5 of them are red and the rest is white , then the probability of the drawn ball is white is .... a. $\frac{1}{4}$ b. $\frac{1}{3}$ c. $\frac{1}{2}$

[B] : Complete the Following : -

1	The probability of appearing of an odd number when tossing a fair die once is ....
2	$\frac{7}{9} - \frac{5}{9} =$ ....
3	As throwing a metallic coin once and observing the upper face , the probability of appearing a head = ...
4	8 kilograms = ... grams.
5	The probability of appearing a head when tossing a coin once = ...
6	75 metres = 75 × .... = ... cm.
7	The probability of sure event = ...
8	A bag contains 3 red balls and 7 black balls , if a ball is drawn at random , then the probability of the drawn ball is red = $\frac{.........}{.........}$
9	The probability of certain event = ...
10	A box contains 10 symmetrical balls , 5 balls are white and the rest is red , if a ball is drawn randomly , then the probability of the drawn ball is red = ...
11	The sun rises from the east is certain ....
12	A bag contains 7 white balls and 3 red balls , if a ball is drawn at random , then the probability of the drawn ball is red = ...
13	The probability of appearing a number less than 3 as throwing a fair die once = ...
14	The probability of the impossible event = ...
15	.... $- \frac{5}{9} = \frac{2}{9}$